2835 60 TON - 3 TRUCK

LIMA LOCOMOTIVE CORPORATION

LIMA, OHIO, U. S. A.

GEARED LOCOMOTIVE

DETAIL INDEX No. 2835

Class S 60- Dept.

Engine Order No. 2835 19

Engine Order No. 19

Index No. 2835 Date of Issue 1-6-16

ADDITIONS AND CHANGES

DATE	ADDITIONS PAGE	ITEMS	
1-18-16	11	21.	M
3-2-16	14	24-26-27-32.	M
3-14-16	2	1-4-5-6-8-11-12-16-22-32	M
3-15-16	8	39	M
3-17-16	15	12-13	M
" " "	10	56-57-58	M
" " "	19	7-8	M
3-18-16	1	1-7-8-9-13-14-15-16-17-18	M
" " "	15	36	M
" " "	18	42-36	M
" " "	19	54	M
3-21-16	8	15-16-17-18-19	M
3-22-16	8	34	M
" " "	6	24-25	M
" " "	20	33-34-35-36-5-29-30-31	M
" " "	13	35	M
" " "	16	9-10-16-17-18	M
" " "	9	23	M
" " "	17	59-60-58	M
3-23-16	5	60-2-3-4-5-6	M
" " "	20	47	M
3-24-16	11	58-41	M
3-25-16	20	17-59	M
" " "	23	40	M
3-27-16	9	8	M
5-24-16	18	60	M
6-8-16	20	55	M
6-12-16	3	2	M
6-13-16	10	4	M

DATE	ADDITIONS PAGE	ITEMS	

DATE	CHANGES PAGE	ITEMS	
1-27-16	3	27.	M
" " "	1	29-38	M
	3	14-16	M
	2	1	M
3-14-16	8	27	M
	7	39-40	M
" " "	9	12	M
	3	27-28	M
3-16-16	12	32	M
" " "	21	32-38	M
" " "	20	2	M
" " "	8	1	M
" " "	15	2	M
" " "	17	43-50-51	M
" " "	10	1	M
3-18-16	19	55	M
3-21-16	8	58	M
" " "	20	56	M
3-22-16	6	23	M
" " "	20	33-29-31	M
3-23-16	9	43	M
3-24-16	16	22	M
" " "	9	22	M
" " "	11	41	M
" " "	16	20-21	M
3-25-16	20	16-60-61	M
3-27-16	9	7	M
6-1-16	8	6-7	M
6-6-16	17	31	M
6-8-16	9	5	M
6-9-16	20	58	M
6-16-16	9	61	M

3-25-16	20	17-59	M
" " "	23	40	M
3-27-16	9	8	M
5-24-16	18	60	M
6-8-16	20	55	M
6-12-16	3	2	M
6-13-16	10	4	M
" " "	9	22	M
" " "	11	41	M
" " "	16	20-21	M
3-25-16	20	16-60-61	M
3-27-16	9	7	M
6-1-16	8	6-7	M
6-6-16	17	31	M
6-8-16	9	5	M
6-9-16	20	58	M
6-16-16	9	61	M

INDEX TO PAGES

	Page
Ash Pan	1
" " Damper Rigging	1
" " Slide Rigging	1
Air Sander	15
Auxiliary Dome Casing	6
Bell	1
Bottom Bracket	1
" " Bearing—Top	1
" " " —Bottom	1
Boiler Plan	2
" Bracing List	2
" Dome	2
" Mud Ring	2
" Smoke Box Ring	2
" Tube Setting	2
" Check Flange	2
" Pad—Right & Left	8
Bolt List	2
Brackets	1
Brake Cylinder Support	9
" Cylinder	3
" Heads	21
" Shoes	21
" Reservoir Blocks	3
" Pump Bracket	3
" Valve	3
" Relief Valve	23
" Release Check	13
Bumper Buffer	2
Cab	3
" Saddle Plate	3
" Seat	4
Cocks (Plug Type)	4
" (Valve Type)	4
Cock Riggings	5
Connecting Rods	5
Coupling Ring	5
Counterbalance	5
Crank Pin Brass	5
" Shaft	5
Crosshead	5
" Guide	5
" Pin Brass	5
Cinder Pocket	16
Cleaning Hole	16
Cylinder	6
" Head Cover	6
" Hood	5
" Cock	4
Coupler	6
Drawhead	6
Dry Pipe	7
Dome Casing	6
Eccentric	7
" Straps	7
Elbows	7
End Timber Arrangement	7
Erecting Plans	7
Exhaust Pipe Details	7
Expansion Plate	8
Feed Water Work	8
Fire Brick	8
Fire Door	8
Frame	8
" Center Plates	8
" Side Bearings	8
" Truss Rod Ends	8
" End Casting	9
" Body Brake	9
" Center Plate (Tender)	19
" End Casting (Tender)	19
Fuel Bunk	10
" " Gate	10
Furnace Bearer	8
Gauge Cock Dripper	10
Gear Rim	20
" Covers	20
Grate Arrangement	10
Hand Rail	10
Horn Coupling	5
Lagging & Finish	11

	Page
Line Shaft	11
" " Bearings	11
" " Couplings	11
" " Pinions	11
Link	12
" Hanger	12
Number Plate	12
Oil Pan	12
" Burner	12
" Burning Arrangement	12
Oil Cups	12 & 13
Packing Studs	14
Pilot	13
Pipe Hangers	13
Piping Plan	13
Pipe Fittings	13
Pipe Unions	14
Piston Head	14
" Rod	14
" " Packing	14
Plugs	14
Piston Valve	23
Reverse Lever	15
Running Boards	14
Sand Box	15
" " Rigging	15
Signal Fixtures	16
Siphon	16
Smoke Box	16
" " Front	16
" " Arrangement	16
" Stack	17
" " Saddle	17
Snow Plow	17
Speed Recorder Rigging	17
Safety Valve Turret	21
Steam Bracket	17
" " Brace	17
" Pipes	17
" Pipe Elbow	17
" " Joint Ring	17
" Chest Relief Valve	23
Slide Valve	23
Steps	17
Superheater	18
Square Shaft	16
" " Sleeve	16
Tank Ladder	17
Tank—Water	18
Tank—Oil	9
Tank Valve	18
Tender Frame	19
Throttle	19
" Stuffing Box	19
" Lever	19
Tool Box	4
Truck Plan	20
" Arch Bars	20
" Columns	20
" Bolster End Castings	20
" Safety Chain	20
" Brake Details	21
Truck Boxes	21
" Box Caps	21
" Pedestal	21
" Journal Brass	21
" Axle	21
" Wheel	21
" " Tire	21
Tumbling Shaft	21
" " Coupling Ball	21
Turret	21
" (Auxiliary)	21
Valves (Globe)	22
" (Relief & Special)	23
" (Distribution)	23
Valve Stem	23
" Yoke	23
" Stem Packing	23
Whistle	23
Water Gauge	24

LED. 61-1

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
HD	1	ASH PAN	1	A-11909 LINE 2		—		—				
	2	" " Hopper	—			—		—				
	3	" " Slide	—			—		—				
	4	" " Door Frame	—			—		—				
	5	" " Slide Frame	—			—		—				
	6	" " Door Links	—			—		—				
A	7	" " Damper Rigging	1 SET	A-11909 LINE 2		—		—				
JA	8	" " " Bell Crank	—			1	119-F-71	—				
JA	9	" " " " " Fulcrum	—			1	119-F-76	—				
	10	" " " Hinge	—			—		—				
	11	" " " " Lug	—			—		—				
	12	" " " " Bar	—			—		—				
JA	13	" " " Lift—Front	—			1	119-F-85	—				
JA	14	" " " " —Rear	—			1	119-F-46	—				
JA	15	" " " " Lug	—			1	119-F-53	—				
JA	16	" " " "	—			1	119-F-34	—				
JA	17	" " " Rod Jaw	—			1	119-F-67	—				
JA	18	" " " " "	—			1	119-F-91	—				
	19	" " Netting Frames	—			—		—				
	20	" " Slide Rigging	—			—		—				
	21	" " " Rod	—			—		—				
	22	" " " Jaw	—			—		—				
	23	" " Shaft Bearing	—			—		—				
	24											
	25											
SIAD	26	BELL	1	12535	STD. STOCK	—		1	—	—	7303	—
SIAD	27	" Frame	1	12544.	STD. STOCK	—		1	872	—	—	—
SIAD	28	" " Base	1	12508-SET #4	STD. STOCK	—		1	7102	—	—	—
SIAD	29	" Yoke	—		STD. STOCK	—		1	~~8714~~ 873	—	—	—
SIAD	30	" " Nut	1	5255	STD. STOCK	—		1	7268	—	—	—
SIAD	31	" " Pin	1		CUT FROM BAR STOCK	STD. STOCK		—				
SIAD	32	" Crank	—		STD. STOCK	—		1	874	—	—	—

	25												
S1AD	26	BELL	1	12535	STD. STOCK	—		1	—	—	7303	—	
1AD S	27	" Frame	1	12544.	STD. STOCK	—		1	872	—	—	—	
1AD S	28	" " Base	1	12508-SET #4	STD. STOCK	—		1	7102	—	—	—	
1AD S	29	" Yoke	—		STD. STOCK	—		1	~~874~~ 873	—	—	—	
1AD S	30	" " Nut	1	5255	STD. STOCK	—		1	7268	—	—	—	
1AD	31	" " Pin	1		CUT FROM BAR STOCK	STD. STOCK		—					
1AD S	32	" Crank	—		STD. STOCK	—		1	874	—	—	—	
1AD	33	" Tongue	—		STD. STOCK	—		1	—	6851	—	—	
1AD J	34	" " Fulcrum	—		STD. STOCK	1	125 F-2	—					
	35	" Ringer Bracket	—			—		—					
1AD	36	" Rope Details	1 SET	A-11153	STD. STOCK	—		—					
1AD S	37	" " Sheave	—		STD. STOCK	—		2	70	—	—	—	
1AD S	38	" " " Chair	—		STD. STOCK	—		~~2~~ 1	69	—	—	—	
	39	" " " Frame	—			—		—					
1AD S	40	" " Thimble	1	A-11153	STD. STOCK	—		1	68	—	—	—	
	41												
	42							—					
1AD S	43	BOTTOM BRACKET	1	A-1550B		—		1	5473	—	—	—	
1AD S	44	Bottom Bracket Caps	4	8707- SET #1	STD. STOCK	—		4	5474	—	—	—	
1AD S	45	" " Bearing—Top	4 PAIR	8705 SET #1	STD. STOCK	—		4	5477	—	—	—	
1AD S	46	" " " —Bottom	—		STD. STOCK	—		4	5478	—	—	—	
JAD S	47	" " " Wedge	4	8706 SET #3	STD. STOCK	—		4	5395	—	—	—	
JAD	48	" " Wedge Screw	—		STD. STOCK	4	87-F-11	—					
AD S	49	" " " " Cap	4	8733	STD. STOCK	—		4	5275	—	—	—	
	50												
	51	BRACKETS	—			—		—					
1AD S	52	Air Gauge Bracket	1	11451		—		1	6929	—	—	—	
1AD	53	Brake Valve Bracket	1	A-13489		—		1	—	9574	—	—	
TAD	54	Cab Lamp Bracket	1	11400	STD. STOCK	1	420-5-69	—					
1AD S	55	Feed Pipe Bracket	2-PAIR		STD. STOCK	—		2	914	—	—	—	
1AD S	56	" " " Cap			STD. STOCK	—		2	915	—	—	—	
JAD	57	Injector Bracket	—			2	134-F 240	—					
X	58	Lubricator Bracket											
	59	Oil Cup Bracket	—			—		—					
	60	Steam Gauge Bracket	—			—		—					
	61												

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
HD	1	BOILER PLAN	1	A-15427 LINE 2		—		—				
	2	" Sections	—			—		—				
HID	3	" Material Bill	—	*2616		—		—				
HD	4	" Bracing List	—		SEE BOILER CD	—		—				
HDS	5	" Brace Rod Ends	14	310-D-225		14	310-S-162	—				
HS	6	" " " "	2	310-D-239		2	310-S-167	—				
	7	" " " "	—			—		—				
HS	8	" " " Lugs	2	310-D-224		3	310-S-156	—				
	9	" " " "	—			—		—				
	10	" " " "	—			—		—				
HS	11	" " " Jaws	14	310-D-164		14	310-S-105	—				
HS	12	" " " "	2	310-D-224		2	310-S-161	—				
	13	" " " "	—			—		—				
	14	" Sling Stay	—			—		—				
	15	" " "	—			—		—				
HS	16	" Throat Brace	1			12	117-F-90	—				
	17	" " "	—			—		—				
	18	" Crown Bars	—			—		—				
	19	" " Roof Irons	—			—		—				
BHID	20	" Stay Bolt	1-SET	4535		1-SET	4535	—				
	21	" " "	—			—		—				
HS	22	" Radial Stay	1 SET	11721 LINE 2		1 SET	11721 LINE 2 CARD	—				
	23	" " "	—			—		—				
	24	" " "	—			—		—				
	25	" Cross Stay	—			—		—				
	26	" Tee Irons	—			—		—				
	27	" Dome	—			—		—				
HIAD	28	" " Flange	1	11603 SET 7		—		—				
HIAD	29	" " " Radius	—		26½"	—		—				
HIAD	30	" " Ring	1	11679	STD. STOCK	—		—				
HIAD	31	" " Cap	1	11680 LINE 3	STD. STOCK	—		—				
HS	32	" Mud Ring	1	11642 SET 2		4	CD. 11642 SET 2	—				

Check	Item	TIT
	1	BRAKE CYLINDE
FSI	2	" " L
	3	" "
	4	" "
	5	" "
	6	" "
	7	" Piston
	8	" "
	9	" " Ring
	10	" " "
	11	" " "
	12	" " "
	13	" " Rod
	14	" " "
AD	15	" " Pu
AD	16	" " " J
	17	" Hollow Pis
	18	" "
ADS	19	" Strut
	20	" "
	21	" Reservoir F
ADS	22	" " S
DJ	23	" " S
ADS	24	" Pump Brac
	25	
	26	BRAKE VALVE
	27	" Valve Base
	28	" " Cap
	29	" " Slide
	30	" " Stem
	31	" " Hanc
	32	" " Stuffi

	24	" "	–			–		–						23
	25	" Cross Stay	–			–		–					AD³	24
	26	" Tee Irons	–			–		–						25
	27	" Dome	–			–		–						26
H'AD	28	" " Flange	1	11603 SET #7		–		–						27
H'AD	29	" " " Radius	–		26½"	–		–						28
H'AD	30	" " Ring	1	11679	STD. STOCK	–		–						29
H'AD	31	" " Cap	1	11680 LINE 3	STD. STOCK	–		–						30
HS	32	" Mud Ring	1	11647 SET 2		†	Ld. 11647 SET 2	–						31
	33	" " Drum	–			–		–						32
	34	" Tube Sheet Ring	–			–		–						33
H'AD³	35	" Smoke Box Ring	1	11650 SET #4		1	116-F-41	–						34
	36	" " " "	–			–		–						35
H'AD	37	" Tube Setting	–	11632 STYLE #2		–		–					FTD'	36
	38	" " "	–			–		–					TD	37
	39	" Combustion Tube	–			–		–						38
	40	" Check Flange	–			–		–						39
H'AD⁵	41	" Plug Flange	1	11403 LINE 2	STD. STOCK	–		1	–	–	5316	–		40
	42	" " "	–			–		–						41
H'AD	43	" Test Plate	1	420-D-449	STD. STOCK	–		–						42
H'AD	44	" " Pressure, Steam	–		225#	–		–					AD¹	43
H AD	45	" " " Water	–		250#	–		–						44
H AD	46	" Working Pressure	–		200#	–		–						45
	47												X	46
	48													47
	49													48
	50													49
	51													50
	52	BOLT LIST	–			–		–					FAD'	51
	53												AD'S	52
	54												AD'	53
	55												AD'	54
	56	BUMPER BUFFER	–			–		–					AD'	55
	57												TD'	56
	58												FA	57
	59												AD'	58
	60												AD'	59
	61												AD'	60
														61

PATTERN NUMBERS		Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING		No. Pcs.	FORGINGS		No. Pcs.	CASTINGS—PATTERN NUMBERS			
Brass	Mal. Iron					Card No.	Construct'n Notes		Sketch No.			Cast Iron	Cast Steel	Brass	Mal. Iron
			1	BRAKE CYLINDER	—			—			—				
		~~151~~	2	" " LEVER FULCRUM	1	13449		—			1	6100	—	—	—
			3	" " Head	—			—			—				
			4	" " "	—			—			—				
			5	" " Stuff. Box Gland	—			—			—				
			6	" " " " "	—			—			—				
			7	" Piston	—			—			—				
			8	" "	—			—			—				
			9	" " Rings	—			—			—				
			10	" " "	—			—			—				
			11	" " "	—			—			—				
			12	" " "	—			—			—				
			13	" " Rod	—			—			—				
			14	" " "	—			—			—				
		'AD'	15	" " PUSH ROD	3	A13487	ROUND BAR	3	1 3/8" DIAM X 24½		—				
		AD	16	" " " Jaw	—			—			3	—	9533	—	—
			17	" Hollow Piston Rod	—			—			—				
			18	" " " "	—			—			—				
		'AD'	19	" Strut	1	13435		—			1	~~7086~~	7086	—	—
			20	" "	—			—			—				
			21	" Reservoir Blocks	—			—			—				
		'AD'	22	" " Support	2	A-13403		—			2	7460	—	—	—
		'D'	23	" " Strap	—			2	134-F-256		2				
		AD'	24	" Pump Bracket	1	3808		—			1	3479	—	—	—
			25												
			26	BRAKE VALVE	—			—			—				
			27	" Valve Base	—			—			—				
			28	" " Cap	—			—			—				
			29	" " Slide Valve	—			—			—				
			30	" " Stem	—			—			—				
			31	" " Handle	—			—			—				
			32	" " Stuffing Box	—			—			—				
			33	" " " " Nut	—			—			—				
			34	" " " " Follower	—			—			—				

		22	" " Support	2	H-13403		—		2	7460	—	—	—	
AD		23	" " " Strap	—			2	134-F256	2					
AD		24	" Pump Bracket	1	3808		—		1	3479	—	—	—	
		25												
		26	BRAKE VALVE	—			—		—					
		27	" Valve Base	—			—		—					
		28	" " Cap	—			—		—					
		29	" " Slide Valve	—			—		—					
		30	" " Stem	—			—		—					
		31	" " Handle	—			—		—					
		32	" " Stuffing Box	—			—		—					
		33	" " " " Nut	—			—		—					
		34	" " " " Follower	—			—		—					
		35												
		36												
	FTD	37	CAB	1	11190 LINE #45 STEEL PLATE				—					
	TD	38	" Material Bill	1SET		308-A	—		—					
		39	" Brace	—			—		—					
		40	" Corner Bracket	—			—		—					
5316	—	41	" " Iron	—			—		—					
		42	" Roof Brace	—			—		—					
		43	" Strap	—			—		—					
	AD	44	" Saddle Angle	—			1	111-F-17	—					
		45	" " Plate	—			—		—					
		46	" Sash Fixture	—			—		—					
	X	47	" Storm Window		Storm windows in front.									
		48	" Awning	—			—		—					
		49	" Curtain	—			—		—					
		50	" " Rod	—			—		—					
	FAD	51	" Door Fixture	2-SET	A-11152	STD. STOCK	—		—					
	AD	52	" " " Clamp	—		STD. STOCK	—		2	384	—	—	—	
	AD	53	" " " " Screw	—		STD. STOCK	—		2	—	—	—	—	02808
	AD	54	" " " " Slide Bar	—	STD. STOCK	FLAT BAR	2	1/4"x3/4"x28"	—					
	AD	55	" " " Rod	—		STD. STOCK	2	111-F-35	—					
	TD	56	" Ventilator	1	A-11100		—		—					
	FA	57	" " Fixture	—			—		—					
	AD	58	" " Handle	1PAIR	11145-		1	111-F-30	—					
	AD	59	" " " Hinge				1	111-F-31	—					
	AD	60	" " " Latch	—			1	111 F 155						
		61	" " Rod											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
F D	1	CAB SEAT	2	11155	WOOD	—	STD. STOCK	—				
D	2	" " Cushion	2		14"x16"	—	STD. STOCK	—				
	3	" " Post	—			—		—				
	4	" " Hinge	—			—		—				
	5	" " Rod	—			—		—				
F D	6	" Tool Box	1	A-11154	WOOD	—	STD. STOCK	—				
	7	" " " Cushion	—			—		—				
	8											
	9											
	10	COCKS (Plug Type)	—			—		—				
	11	Ash Pan Cock	—			—		—				
	12											
1 D X	13	Drip Cock—Brake Exhaust Drain	1	¼" AIR COCK STD. STOCK		—		—				
	14	" " — " " "	—			—		—				
	15	" " —Check Pipe Drain	—			—		—				
1 D X	16	" " —Fuel Sprinkler Drain	1	¼" AIR COCK STD. STOCK		—		—				
	17	" " —Siphon Drain	—			—		—				
	18											
	19	Feed Cock	—			—		—				
	20											
1 D	21	Steam Gauge Cock	1	¼" LEVER HANDLE CYLINDER COCK. 3/8 C.P. UNION				— STD. STOCK				
	22											
	23	Tank Cock	—			—		—				
	24											
1 D X	25	Blow Off Cock	1	1¼" EVERLASTING -		—		—				
	26	" " " Cap	—			—		—				
	27	" " " Plug	—			—		—				
	28	" " " Nut	—			—		—				
	29	" " " Washer	—			—		—				
	30											
	31	Oil Cock	—			—		—				
	32	" " Cap	—			—		—				
	33	" " Plug	—			—		—				
	34	" " Nut	—			—		—				

Check	Item	
	1	COCK RIGG
A D	2	Blow-off Cock
A S D	3	" " "
A D	4	" " "
A S D	5	" " "
A S D	6	" " "
A D1	7	Cylinder Coc
A D1	8	" "
A D1	9	" "
	10	" "
	11	" "
A D1	12	" "
	13	
B D1	14	CONNECTI
S B D1	15	Crosshead Pi
S D1	16	" "
S B D1	17	Crank Pin B
S D1	18	" "
D	19	Connecting R
D	20	"
D	21	"
D	22	"
	23	"
	24	
	25	
D1A	26	CROSSHEA
D1A	27	"
D1A	28	"
D1A	29	"
A	30	"
	31	
D1A	32	COUPLING
A	33	"
D1A	34	"

	22											
	23	Tank Cock	—			—		—				
	24											
1DX	25	Blow Off Cock	1	1¼" EVERLASTING -		—		—				
	26	" " " Cap	—			—		—				
	27	" " " Plug	—			—		—				
	28	" " " Nut	—			—		—				
	29	" " " Washer	—			—		—				
	30											
	31	Oil Cock	—			—		—				
	32	" " Cap	—			—		—				
	33	" " Plug	—			—		—				
	34	" " Nut	—			—		—				
	35	" " Washer	—			—		—				
	36											
1DX	37	Plug Cock—Injector Check	2	1½" —	STD. STOCK	—		—				
	38	" " Cap	—			—		—				
	39	" " Plug	—			—		—				
	40	" " Nut	—			—		—				
	41	" " Washer	—			—		—				
	42											
	43											
	44	COCKS (Valve Type)	—			—		—				
1DX	45	Cylinder Cock	6	½" UNION BIBB	STD. STOCK	—		—				
	46	" " Nut	—			—		—				
	47	" " Shank	—			—		—				
	48	" " Valve	—			—		—				
	49	" " Washer	—			—		—				
	50											
1DX	51	Gauge Cock	3	¾" EDNA	STD. STOCK	—		—				
	52	" " Valve	—			—		—				
	53	" " Cap	—			—		—				
	54	" " Stem	—			—		—				
	55	" " Gland	—			—		—				
	56	" " Nut	—			—		—				
	57											
	58	Port Cock	—			—		—				
	59											
	60	Water Gauge Cock	—			—		—				
	61											

TTERN NUMBERS

Brass	Mal. Iron

D	22	Key—Top											
	23	" " " —Bottom	—			—		—					
	24												
	25												
D'A	26	CROSSHEAD	3-	7804	STD. STOCK	—		3		5465	—	—
D'A S	27	" Shoe	—		STD. STOCK	—		6	5467	—	—	—
D'A S	28	" Guide	3-PAIR		STD. STOCK	—		6	5466	—	—	—
D'A	29	" Pin	3	7813 SET #4	STD. STOCK	—		—				
'A	30	" Key	3	7806 SET #1	CHROME VANADIUM.		STD. STOCK	—				
	31											
D'A	32	COUPLING RING —Front	2	4836 LINE #1	STD. STOCK	—		2	—	4267	—	—
'A	33	" " Half "	—		STD. STOCK	—		4	—	4268	—	—
D'A S	34	" " Bushing "	—		STD. STOCK	—		4	—	—	2010	—
D'A S	35	" " Oil Cellar "	—		STD. STOCK	—		4	4269	—	—	—
D'A	36	" " —No. 2	2	4836 LINE 1	STD. STOCK	—		2	—	4267	—	—
D'A	37	" " Half "	—		STD. STOCK	—		4	—	4268	—	—
S D'A	38	" " Bushing "	—		STD. STOCK	—		4	—	—	2010	—
S D'A	39	" " Oil Cellar "	—		STD. STOCK	—		4	4269	—	—	—
	40	" " —No. 3	—			—		—				
	41	" " Half "	—			—		—				
	42	" " Bushing "	—			—		—				
	43	" " Oil Cellar "	—			—		—				
D'A	44	" " —Rear	2	4836 LINE1	STD. STOCK	—		2	—	4267	—	—
D'A	45	" " Half "	—		STD. STOCK	—		4	—	4268	—	—
S D'A	46	" " Bushing "	—		STD. STOCK	—		4	—	—	2010	—
S D'A	47	" " Oil Cellar "	—		STD. STOCK	—		4	4269	—	—	—
	48											
D'A	49	CRANK SHAFT	1	A-15712	#63	—		—				
	50	Counterbalance	—			—		—				
	51	" Weight	—			—		—				
	52	" "	—			—		—				
	53	" "	—			—		—				
	54	" Yoke	—			—		—				
	55	" "	—			—		—				
D'A	56	Horn Coupling	2	9024 SET #11	STD. STOCK	—		2	—	2279	—	—
	57	" "	—			—		—				
D'A	58	" " Key	—		STD. STOCK	2	90-F-2	—				
	59											
HD	60	CYLINDER HOOD	1	A-11189 LINE 2	STEEL PLATE	—		—				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
$A^{SX}D_1$	1	CYLINDER	1 SET	A-15912	RIGHT	—		2	5460	—	—	—
$A^{S}D_1$	2	"	—		LEFT	—		1	9674	—	—	—
$A^{S}D_1$	3	Cylinder Head	3	7201 SET #7	STD. STOCK	—		3	L-2	—	—	—
$A^{S}D_1$	4	" " Casing	3	7202 SET #5		—		3	L-3	—	—	—
	5	" Frame	—			—		—				
	6	" "	—			—		—				
$A^{S}D_1$	7	Steam Chest Cover	3	7400 SET #6	STD. STOCK	—		3	5461	—	—	—
$A^{S}D_1$	8	" " Casing	3	7401 SET #4		—		3	5462	—	—	—
	9	Valve Chamber Head	—			—		—				
	10	" " "	—			—		—				
	11	" " Cover	—			—		—				
	12	" " Bushing	—			—		—				
	13											
$H\,A\,D_1^{Y}$	14	DOME CASING Base	1	12018 LINE #3		—		—				
	15	" " Shell	—			—		—				
	16	" " Top	—			—		—				
	17	" Flow Bowl	—			—		—				
T_D	18	" " " Bracket	—			3	120-F-1	—				
	19	Auxiliary Dome Casing	—			—		—				
	20	" Flow Bowl	—			—		—				
	21											
	22											
$A\,L\,D_1^{S}$	23	DRAWHEAD	2	A-10430 ~~T-947-D~~	STD. STOCK	—		2	9023 ~~5666~~	—	—	—
LDS	24	Draw Gear Brace	1 PAIR	A-11019 SET 1		-1	110-F-260	2	—	9036	—	—
LDS	25	" " "	—			+	110-F-261	2	—	9037	—	—
	26	" " Frame Eng.	—			—		—				
	27	" " " "	—			—		—				
	28	" " " Tender	—			—		—				
	29	" " " "	—			—		—				
	30	" " " Spreader	—			—		—				
	31	" " Tie Plate	—			—		—				
	32	" " Friction Plate	—			—		—				
	33	" " Sliding Bar	—			—		—				
	34	" " " "	—			—		—				

Check	Item	TITL
	1	DRY PIPE
	2	" " Ring
	3	" " Support
	4	" " Yoke
	5	
	6	
$L\,A\,D^{S}$	7	ECCENTRIC—No.
$L\,A\,D^{S}$	8	" No.
$L\,A\,D^{S}$	9	" No.
$L\,A\,D^{S}$	10	" No.
	11	
	12	
$L\,D^{S}A$	13	ECCENTRIC STRA
$L\,D^{S}A$	14	" "
D	15	" "
	16	" "
	17	
	18	
$D^{S}A$	19	ECCENTRIC ROD
$D^{S}A$	20	" "
$B\,L\,D$	21	" " P
$B\,L\,D$	22	" "
	23	
	24	
	25	ELBOWS
	26	Safety Valve Elbow
	27	Whistle Elbow
	28	
	29	
	30	EXTENSIONS
	31	Blow Off Extension
	32	Gauge Cock Extensio
$L\,D^{S}A$	33	Water Gauge Extensio
	34	Lubricator Valve Exte

	22																
A L D S	23	DRAWHEAD	2	A-10430 ~~10429~~	STD. STOCK	—			2	4023 ~~5565~~	—	—	—		23	
L D S	24	Draw Gear Brace	1 PAIR	A-11019 SET 1		-1	110-F-260		2	—	9036	—	—		24	
L D S	25	" " "	—			+	110-F-261		2	—	9037	—	—		25	ELBOWS
	26	" " Frame Eng.	—			—			—						26	Safety Valve El
	27	" " " "	—			—			—						27	Whistle Elbow
	28	" " " Tender	—			—			—						28	
	29	" " " "	—			—			—						29	
	30	" " " Spreader	—			—			—						30	EXTENSIONS
	31	" " Tie Plate	—			—			—						31	Blow Off Extens
	32	" " Friction Plate	—			—			—						32	Gauge Cock Ext
	33	" " Sliding Bar	—			—			—						L D S A 33	Water Gauge Ex
	34	" " " "	—			—			—						34	Lubricator Valv
	35	" " Connecting Rod	—			—			—						35	Safety Valve Ex
	36	" " " " Pin	—			—			—						36	Whistle Extensi
	37	" " Yoke	—			—			—						L D S A 37	Steam Gauge Co
	38	" " " Block	—			—			—						38	
	39	" " " Followers	—			—			—						L D X 39	ERECTING PI
	40	" " " "	—			—			—						L D X 40	"
	41	" " Carrier Link	—			—			—						41	
	42	" " " " Pin	—			—			—						42	
	43	Drawbar Guide	—			—			—						F L D X 2 43	END TIMBER
	44	" " Pin	—			—			—						F L X D 2 44	" "
	45	" " Carry Iron	—			—			—						L D 2 45	" "
L D	46	Drawpin—Front	—			1	104-F-35		—						46	" "
L D	47	" —Back	—			1	104-F-35		—						F L D 47	" "
L F D	48	COUPLERS	2	5631 LINE #1	STD. STOCK	—			2	—	5930	—	—		48	
L F D	49	" Knuckles	—		STD. STOCK	—			2	—	5931	—	—		L D S A 49	EXHAUST Dr
L F D	50	" Lock	—		STD. STOCK	—			2	—	5932	—	—		L D S X A 50	" "
L F D	51	" " Lifter	—		STD. STOCK	—			2	—	5933	—	—		L D S A 51	" No
	52	" Yoke Screw	—			—			—						L D S A 52	" "
	53	" Hook	—			—			—						L S A 53	" "
	54	" Link	—			—			—						54	" "
	55	" Lever	—			—			—						55	" Ex
	56	" Screw	—			—			—						L D S A 56	" Gl
L D	57	Uncoupling Shaft	—			2	104-F-56		—						L D S A 57	" Re
	58	" "	—			—			—						58	"
L D	59	" " Bracket	—			6	104-F-60		—						X L D S X A 59	" Pi
	60	" " "	—			—			—						L D S X A 60	"
	61	Screw Coupling	—			—			—						61	

N NUMBERS Brass	N NUMBERS Mal. Iron	Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
—	—		1	DRY PIPE	—			—		—				
—	—		2	" " Ring	—			—		—				
—	—		3	" " Support	—			—		—				
—	—		4	" " Yoke	—			—		—				
			5											
			6											
—	—	LAD S	7	ECCENTRIC—No. 1 Cylinder	1 SET	8442	STD. STOCK	—		1	5481	—	—	—
—	—	LAD S	8	" No. 3 Cylinder	—		STD. STOCK	—		1	5482	—	—	—
		LAD S	9	" No. 2 Cylinder—Top	—		STD. STOCK	—		1	5479	—	—	—
		LAD S	10	" No. 2 Cylinder—Bot	—		STD. STOCK	—		1	5480	—	—	—
			11											
			12											
		LD S A	13	ECCENTRIC STRAP Top	6 SET	8413 SET #7	STD. STOCK	—		6	5483	—	—	—
		LD S A	14	" " Bottom	—		STD. STOCK	—		6	5484	—	—	—
		D	15	" " ~~Liner~~ BOLTS	12		STD. STOCK	—		—				
			16	" " Filler	—			—		—				
			17											
			18											
		D S A	19	ECCENTRIC ROD	3 PAIR	8411 SET #2	STD. STOCK	3	84-F-30	—				
		D S A	20	" "	—		STD. STOCK	3	84-F 34	—				
		BLD	21	" " Pin	6	8510 SET #6	STD. STOCK	—		—				
		BLD	22	" " BOLTS	1 SET	8509 SET #9	STD. STOCK	—		—				
—			23											
—			24											
—			25	ELBOWS	—			—		—				
			26	Safety Valve Elbow	—			—		—				
			27	Whistle Elbow	—			—		—				
			28											
			29											
			30	EXTENSIONS	—			—		—				
			31	Blow Off Extension	—			—		—				
			32	Gauge Cock Extension	—			—		—				

9036	—	—		24											
9037	—	—		25	ELBOWS	—			—		—				
				26	Safety Valve Elbow	—			—		—				
				27	Whistle Elbow	—			—		—				
				28					—		—				
				29											
				30	EXTENSIONS	—			—		—				
				31	Blow Off Extension	—			—		—				
				32	Gauge Cock Extension	—			—		—				
			1 DA S	33	Water Gauge Extension	1	11484 LINE #3		—		1	—	—	9209	—
				34	Lubricator Valve Extension	—			—		—				
				35	Safety Valve Extension	—			—		—				
				36	Whistle Extension	—			—		—				
			1 DA S	37	Steam Gauge Cock Extension	1	11464 STYLE #1		—		1	—	—	8476	—
				38											
			1 DX	39	ERECTING PLAN—Elevation	1	A-16512 LINE #1		—		—				
			1 DX	40	" " —Sections	1	A-15282 ~~A-15287~~		—		—				
				41											
				42											
			F 1 DX L	43	END TIMBER Arrangement FRONT	1	B-10334		—		—				
			F 1 X DL	44	" " " REAR	1	B-10335		—		—				
			1 DL	45	" " Channels	2	SEE END TIMBER ARRGTS		—		—				
				46	" " "	—			—		—				
			F 1 D	47	" " Drawhead Blocks	2	SEE END TIMBER CD.		—		—				
5930	—	—		48											
5931	—	—	X 1 DS A	49	EXHAUST Drop Pipe	1	12877		—		1	9399	—	—	—
5932	—	—	1 D S A	50	" " Pipe Flange	1	12845 SET #8		—		1	9398	—	—	—
5933	—	— X	X 1 D S A	51	" Nozzle	1 SET	12829 SET #6	STD. STOCK	—		1	9426	—	—	—
			1 D S A	52	" "	—		STD. STOCK	—		1	9427	—	—	—
			1 S A	53	" "	—		STD. STOCK	—		1	9428	—	—	—
				54	" " Tip	—			—		—				
				55	" Extension	—			—		—				
			1 D S A	56	" Gland	1	12828		—		1	N-206	—	—	—
			1 D S A	57	" Reducer	1	12836 SET #2		—		1	6816	—	—	—
				58	" " Gland	—			—		—				
			X 1 D S X A	59	" Pipe Elbow	1	12836 SET #8								
			1 D S X A	60	" " Joint Ring	1	A-12113 SET #10	STD. STOCK			1	7669	—	—	—
				61							1	—	—	9412	—
			1 DL S	35	" Boiler Saddle	1 PAIR	~~10000~~								

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
A XD/A	1	EXPANSION PLATE	1	12345 SET #6	STEEL PLATE	—		—				
	2											
	3	FURNACE BEARER	—			—		—				
	4	" "	—			—		—				
	5	" " Tie Bar	—			—		—				
S LDA	6	Boiler Pad ~~Right~~ LEFT	3	10700	SET #8	—		3	5084	—	—	—
S LDA	7	" " ~~Left~~ RIGHT	3,	10703 SET #3		—		3	6007	—	—	—
	8											
	9	FEED WATER WORK	—			—		—				
	10	" Pipe Hanger	—			—		—				
S LDA	11	" Hose Connection	4 SET	1631-LINE 1		—		4	1337	—	—	—
ST LDA	12	" " " Nuts	—			—		4	—	—	02681	—
ST LDA	13	" " " "	—			—		4	—	—	02677	—
	14	" " " Nipples	—			—		—				
D	15	FIRE PUMP	1	#6 L VAN DUZEN-(PURCHASED)		—		—				
XD	16	" " ARR'GT.	1	11322		—		—				
ASLD	17	FIRE ~~BRICK~~ PUMP PIPE FLANGES	2	11305 SET 1		—		2	8523	—	—	—
ADJ	18	" ~~Arch Tube~~" HANGER	—			1	113-F-35	—				
ADJ	19	" " " ~~Setting~~" CLAMP	—			1	113-F-30	—				
	20											
S LAD	21	FIRE DOOR	1SET	12724		—		1	9854	—	—	—
S LAD	22	" " Frame	—			—		1	9853	—	—	—
	23	" " Liner	—			—		—				
LADS	24	" " ~~Latch~~ DAMPER	—			—		1	9855	—	—	—
S LAD	25	" " " ~~Handle~~" BEARING	—			—		1	9107	—	—	—
LADS	26	" " " ~~Guide~~" " "	—			—		1	9108	—	—	—
JAP	27	" " ~~Catch~~ DAMPER HANDLE	—			1	380-S-40	—				
TAD	28	" " DAMPER THUMB NUT	—			1	380-S-39	—				
H AD	29	" " Register	1		STEEL PLATE	1	12724—	—				
LADS	30	" " Oil Can Shelf	1	11422		—		1	01890	—	—	—
	31	" " " " " Bracket	—			—		—				
LADS	32	" " Shield	—			—		1	9856	—	—	—
	33											
LDX	34	FRAME	1	16783 LINE 2		—		—				
LDS	35	" Boiler Saddle	1PAIR	~~10608~~	RIGHT	—		1	48-A 6317	—	—	—

Check	Item	TI
		FRAME (Cont.)
FD	1	Frame Brace
FD	2	" "
FD	3	" "
FD	4	" "
FD	5	" "
FD	6	" "
FD	7	Frame Pit Irons
LDJ	8	" " "
	9	" " "
	10	" " "
LID	11	" End Casting
LID	12	" " Timber
TLID	13	" Quadrant B
JID	14	" "
	15	" "
	16	" Grate Shake
HLID	17	" Brake Cylin
HLID	18	" " "
	19	" Reverse Lev
	20	" " "
JLID	21	" " "
SLID	22	" Smoke Box
LDJ	23	" Siphon Hose
LJD	24	" Angle
LJD	25	" "
LJD	26	" "
LJD	27	" "
LJD	28	" Running Bo
LJD	29	" " "
LJD	30	" " "
LJD	31	" " "
LJD	32	" " "
LJD	33	" "
LJD	34	" "
	35	FRAME BODY B

LAD S	22	" " Frame	—			—		1	9853	—	—	—		SLD	22	" Smoke Box Ba			
	23	" " Liner	—			—		—						LDS	23	" Siphon Hose Bo			
LADS	24	" " ~~Latch~~ DAMPER	—			—		1	9855	—	—	—		LSD	24	" Angle			
LA DS	25	" " " ~~Handle~~" BEARING	—			—		1	9107	—	—	—		LSD	25	" "			
LADS	26	" " " ~~Guide~~ " "	—			—		1	9108	—	—	—		LSD	26	" "			
JAP	27	" " ~~Catch~~ DAMPER HANDLE	—			1	380-S-40	—						LSD	27	" "			
TAD	28	" " DAMPER THUMB NUT	—			1	380-S-39	—						LSD	28	" Running Board			
HAD	29	" " Register	1		STEEL PLATE	1	12724—	—						LSD	29	" "			
LADS	30	" " Oil Can Shelf	1	11422		—		1	01890	—	—	—		LSD	30	" "			
	31	" " " " " Bracket	—			—		—						LSD	31	" "			
LADS	32	" " Shield	—			—		1	9856	—	—	—		LSD	32	" "			
	33													LSD	33	" "			
LDX	34	FRAME	1	16783 LINE 2		—		—						LSD	34	" "			
LDS	35	" Boiler Saddle } 1 PAIR	~~10608~~ 482A5094		RIGHT	—		1	48-49 6317	—	—	—			35	FRAME BODY BR			
LDS	36	" " " } —			LEFT	—		1	48-49 6319	—	—	—		LSD	36	Brake Lever			
LD	37	" " Pad Clamp } 4	10730			—		4ZR	—	5400	—	—		LSD	37	" "			
LD	38	" " " " } 4				—		4	—	5401	—	—		LSD	38	" "			
LD	39	" " " " } —				—		2L	—	5400	—	—		LSD	39	" "			
	40	" " " " —				—		—						LSD	40	" "			
LDS	41	" Bolster Fill Blocks	4	3160 LINE #1.		—		4	3042	—	—	—		LSD	41	" "			
LDS	42	" Centre Plate	2	9622 LINE 1		—		2	7800	—	—	—		LSD	42	" "			
LDS	43	" Side Bearing—Right	2	9618 SET #4		—		2	1924	—	—	—		LSN	43	Brake Lever Fulcrum			
LDS	44	" " " —Left	2	9618 SET #2		—		2	1423	—	—	—			44	" "			
TLD	45	" Spreader	1	11012 STYLE #3		1	110-F703	—							45	" "			
LD	46	" Truss Pad } 4 PAIR	3557			—		4	—	3429	—	—		LSD	46	Brake Lever Guide			
LD	47	" " " } —				—		4	—	3430	—	—		LSD	47	" "			
LD	48	" " Head	4	40		—		4	—	1540	—	—		LSD	48	" "			
LDS	49	" " Post Head	4	3505		—		4	3312	—	—	—		LSD	49	" "			
LDS	50	" " " Socket	4	11036		—		4	3374	—	—	—		LSD	50	" "			
LDS	51	" " Rod Washers	4	3557		—		4	3431	—	—	—		LSD	51	" "			
JD	52	Main Truss Rod—Right	1	2 1/4" DIAM LENGTH FROM ERECTING SHOP										LSD	52	" "			
JD	53	" " " —Left	1	2" " " " " "											53	" "			
TJPL	54	Truss Rod Ends	8	12410 PLAN 2153		4	1 1/4" DIAM X 57"	—						LSD	54	Brake Rods			
TD	55	" " "	—			4	1 1/2" " X 54"	—						LSD	55	" "			
	56	" " "	—			—		—						LSD	56	" "			
	57	" " "	—			—		—						LSD	57	" "			
TLD	58	" " Columns	4	12424 SET #36		2	2" DIAM X 12"	—						LSD	58	" "			
TLD	59	" " "	—			2	2" " X 19"	—						LSD	59	" "			
TLD	60	" Post Guides	2	11014 SET #1, STEEL PLATE		2	CD-11014 SET #1	—						LSD	60	" "			
	61	" " "	—			—		—						LSD	61	" "			

PATTERN NUMBERS		Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING		No. Pcs.	FORGINGS	No. Pcs.	CASTINGS—PATTERN NUMBERS			
Brass	Mal. Iron					Card No.	Construct'n Notes		Sketch No.		Cast Iron	Cast Steel	Brass	Mal. Iron
				FRAME (Cont.)										
		FD	1	Frame Brace	—									
		FD	2	" "	—			1	110-F-150	—				
		FD	3	" "	—			1	110-F-89	—				
		FD	4	" "	—			1	110-F-83	—				
		FD	5	" "	—			2	110-F-114	—				
—	—	FD	6	" "	—			1	110-F-~~155~~ 332	—				
—	—	FD	7	Frame Pit Irons	—			1	110-F-109	—				
		LDJ	8	" " "	—		FLAT BAR.	#3	5/8"x2"x65"	—				
			9	" " "	—	1 SET	11064 SET 6	2	134-F-447	—				
			10	" " "	—			—		—				
—	—	LID	11	" End Casting	—			—		—				
02681	—	LID	12	" " Timber Brace	1	10805 LINE 4.		—		1	—	8556	—	—
02677	—	TLID	13	" Quadrant Bracket	2	11025 SET #10		—		2	—	6616	—	—
		J ID	14	" " "	1 PAIR	10934 10980 SET #4		+	109-F-150	—				
			15	" " "	—			1	109-F-18	—				
—	—	H LID	16	" Grate Shaker Bracket	—			—		—				
		H LID	17	" Brake Cylinder Bracket	1 SET	A-13405 SET #8 · STEEL PLATE		A-13405 SET #8		—				
		H LID	18	" " " "	1 SET	A13405 SET #7 STEEL PLATE		A-13405 SET #7		—				
			19	" Reverse Lever Fulcrum	—			—		—				
			20	" " " " Bracket	—			—		—				
—	—	SLID	21	" " " Shaft Stand	1	5471 SET #2		1	83-F65	—				
		SLID	22	" Smoke Box Brace Pad	2	13001 " #1 ~~3487-LINE 3~~		—		2	4038	~~2905~~	—	—
—	—	LDJ	23	" Siphon Hose Bracket	4			5	113-F-11	—				
		LJD	24	" Angle	—			4	6"x6"x5/8"x9½	—				
		LJD	25	" "	—			8	6"x6"x5/8"x7½"	—				
		LJD	26	" "	—			8	3½"x6"x5/8"x 7½	—				
		LJD	27	" "	—			2	3½"x3½"x½"x9½"	—				
		LTD	28	" Running Board Bracket	1 SET	10933 SET #4		5	109-F-19	—				
		LTD	29	" " " "	—			5	109-F-200	—				
		LTD	30	" " " "	—			5	109-F-205	—				
		LTD	31	" " " "	—			1	109-F-190	—				
		LTD	32	" " " "	—			1	109-F-205	—				
		LTD	33	" " " "	—			1	109-F-201	—				
		LTD	34	" " " "	—			1	109-F-195	—				
			35	FRAME BODY BRAKE	—			—		—				

			TBA 25	" " Rear "											
		SLD	22	" Smoke Box Brace Pad	2	~~9107 LINE 3~~		—		2	—	~~2502~~	—	—	
		LDS	23	" Siphon Hose Bracket	4			5	113-F-11	—					
—	—	LD	24	" Angle	—			4	6"x6"x5/8"x9 1/2	—					
—	—	LD	25	" "	—			8	6"x6"x5/8"x7 1/2"	—					
—	—	LD	26	" "	—			8	3 1/2"x6"x5/8"x 7 1/2	—					
		LD	27	" "	—			2	3 1/2"x3 1/2"x 1/2"x9 1/2"	—					
		LD	28	" Running Board Bracket	1SET	10933 SET #4		5	109-F-19	—					
		LD	29	" " " "	—			5	109-F-200	—					
—	—	LD	30	" " " "	—			5	109-F-205	—					
		LD	31	" " " "	—			1	109-F-190	—					
—	—	LD	32	" " " "	—			1	109-F-205	—					
		LD	33	" " " "	—			1	109-F-201	—					
		LD	34	" " " "	—			1	109-F-195	—					
—	—		35	FRAME BODY BRAKE	—			—		—					
—	—	LD	36	Brake Lever	1SET	A-13414 SET #2		—		1	—	7085	—	—	
—	—	LD	37	" "	—			1	134-F-500	—					
—	—	LD	38	" "	—			1	134-F-482	—					
—	—	LD	39	" "	—			1	134-F-505	—					
—	—	LD	40	" "	—			1	134-F-490	—					
—	—	LD	41	" "	—			1	134-F-510	—					
—	—	LD	42	" "	—			1	134-F-495	—					
—	—	LH	43	Brake Lever Fulcrums	#2	13442 SET #2		#2	134-F-431	—					
—	—		44	" " "	—			—		—					
			45	" " "	—			—		—					
—	—	LD	46	Brake Lever Guides	1SET	13427-		1	134-F-520	—					
—	—	LD	47	" " "	—			1	134-F-515	—					
—	—	LD	48	" " "	—			1	134-F-516	—					
—	—	LD	49	" " "	—			1	134-F-517	—					
—	—	LD	50	" " "	—			1	134-F-518	—					
—	—	LD	51	" " "	—			1	134-F 519	—					
		LD	52	" " "	—			2	134-F-396	—					
			53	" " "	—										
		LD	54	Brake Rods	1SET	13498 SET #10		1	134-F-530	—					
		LD	55	" "	—			1	134-F 535	—					
		LD	56	" "	—			1	134-F-536	—					
		LD	57	" "	—			1	134-F 324	—					
		LD	58	" "	—			1	134-F-320	—					
		LD	59	" "	—			1	134-F-488	—					
		LD	60	" "	—		FLAT BAR	2	5/8"x2"x 11 1/2"	—					
		LD	61	" "	—		" "	2	5/8"x2"x #11 1/2" 10	—					

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
XTD	1	FUEL BUNK	1	15188 LINE 3		—		—				
	2	" " Rack	—			—		—				
	3	" " Tie Rod	—			—		—				
TJ	4	" " Lugs	4	A-15139 SHEET		4	151-F-6	—				
	5	FUEL BUNK GATE	—			—		—				
	6											
DS DA	7	GAUGE COCK DRIPPER	1	11452	STD. STOCK	—		1	6969	—	—	—
	8											
	9	GRATE ARRANGEMENT	—			—		—				
	10	" Bars	—			—		—				
	11	" "	—			—		—				
	12	" "	—			—		—				
	13	Grate Center Rail	—			—		—				
	14	" Side Rail	—			—		—				
	15	" " "	—			—		—				
	16	" Dead Plate	—			—		—				
	17	" " "	—			—		—				
	18	" Drop Plate	—			—		—				
	19	" Dump Shaft	—			—		—				
	20	" " " Bearing	—			—		—				
	21	" " " "	—			—		—				
	22	" " " Links	—			—		—				
	23	" " " Lever	—			—		—				
	24	" " Lever	—			—		—				
	25	" Shaker Shaft Bracket	—			—		—				
	26	" " " "	—			—		—				
	27	" " Lever	—			—		—				
	28	" " Shaft	—			—		—				
	29	" " " Lever	—			—		—				
	30	" " " Hand Lever	—			—		—				
	31	" " Lever Connection	—			—		—				
	32	" " " "	—			—		—				
	33	" " Connection Bar	—			—		—				
	34	" " " "	—			—		—				
	35											

Check	Item	TITLE
		LAGGING & FINISH
D1	1	Lagging (Boiler)
	2	" Panel
	3	" "
	4	" "
	5	" Angle Iron
	6	" " "
	7	Jacket (Boiler)
	8	" Band
	9	" "
D1	10	" Clip
	11	" "
D1	12	Plug Casing
	13	" "
	14	" Cover
	15	Cylinder Lagging
	16	" Jacket
	17	
	18	
	19	
	20	
ADX	21	LINE SHAFT
D1A	22	" " —Front Tru
D1A	23	" " —2nd "
	24	" " —3rd "
TDA	25	" " —Rear "
L5D1A	26	" " Bearings, Outsi
L5D1A	27	" " " Inside
L5D1A	28	" " " Outsi
L5D1A	29	" " " Inside
	30	" " " Outsi
	31	" " " Inside
L5D1A	32	" " " Outsi
L5D1A	33	" " " Inside
	34	" " " Plate
	35	" " " "

5957

	22	" " " Links	—				—	—											
	23	" " " Lever	—				—	—											
	24	" " Lever	—				—	—											
	25	" Shaker Shaft Bracket	—				—	—											
	26	" " " "	—				—	—											
	27	" " Lever	—				—	—											
	28	" " Shaft	—				—	—											
	29	" " " Lever	—				—	—											
	30	" " " Hand Lever	—				—	—											
	31	" " Lever Connection	—				—	—											
	32	" " " "	—				—	—											
	33	" " Connection Bar	—				—	—											
	34	" " " "	—				—	—											
	35																		
	36																		
D	37	HAND RAIL	—	IRON PIPE LENGTH TO SUIT ERECT. SHOP			—	—											
	38	" " Bracket	—				—	—											
SAD	39	" " Balls	4	11420 STYLE #4 STD. STOCK			—	4	76	—	—	—							
SAD	40	" " Columns	2	11420 STYLE #2 STD. STOCK			—	2	1174	—	—	—							
SAD	41	" " "	2	11420 STYLE #1 STD. STOCK			—	2	2993	—	—	—							
	42	" " "	—				—	—											
	43	" " "	—				—	—											
SAD	44	" " " Blocks	2	11420 STYLE #6			—	2	5720	—	—	—							
	45	" " " "	—				—	—											
SAD	46	" " Flanges	2	11420 STYLE #5			—	2	8981	—	—	—							
	47	" " Bumper Post	—				—	—											
	48	Handle Column	—				—	—											
	49	" "	—				—	—											
	50	" "	—				—	—											
	51	" "	—				—	—											
DT	52	Handles (For Coal Bunk)	2	15158 SET #4 LINE 1 -			2	151-F-10		—									
	53	" " " "	—				—	—											
SD	54	Cab Handle	4	11167			—	4	1605	—	—	—							
	55	" "	—				—	—											
LS	56	End Timber Handle	1	B-10334	END TIMBER ARR'GT. CARD		1	103-F-63		—									
LS	57	" " "	1	B-10335	END TIMBER ARR'GT. CARD		1	103-F-62		—									
LS	58	" " " Bracket	—				2	103-F-48		—									
	59	" " " "	—				—	—											
	60	Tank Handle	—				—	—											
	61																		

	22																		
TBA	25	" " —Rear	—				—	—											
	22																		
DA	23	" " —2nd	—				—	—											
	24	" " —3rd	—				—	—											
TBA	25	" " —Rear	—				—	—											
LSD'A	26	" " Bearings, Out	—				—	—											
LSD'A	27	" " " Ins	—				—	—											
LSD'A	28	" " " Out	—				—	—											
LTD'A	29	" " " Ins	—				—	—											
	30	" " " Out	—				—	—											
	31	" " " Ins	—				—	—											
LSD'A	32	" " " Out	—				—	—											
LSD'A	33	" " " Ins	—				—	—											
	34	" " " Pla	—				—	—											
	35	" " "	—				—	—											
	36	" " "	—				—	—											
	37	" " "	—				—	—											
D'A	38	" " Collar	—				—	—											
D'A	39	" " "	—				—	—											
D'A	40	" " "	—				—	—											
RID	41	" " "	—				—	—											
D'A	42	" " "	—				—	—											
	43	" " "	—				—	—											
	44	" " "	—				—	—											
	45	" " "	—				—	—											
A	46	" " "	—				—	—											
DA	47	" " " Coupling	—				—	—											
DA	48	" " "	—				—	—											
	49	" " "	—				—	—											
	50	" " "	—				—	—											
	51	" " "	—				—	—											
	52	" " "	—				—	—											
D'A	53	" " " Pin	—				—	—											
D'A	54	" " "	—				—	—											
	55	" " "	—				—	—											
	56	" " "	—				—	—											
S D'A	57	" " "	—				—	—											
ASD	58	" " "	—				—	—											
	59	" " "	—				—	—											
	60	" "	—				—	—											
	61																		

Outside Rail 12-PAIR 9"x6" SE-4 — — 2 — — 5957 —

LED. 61-10

TERN NUMBERS	
Brass	Mal. Iron
—	—

			TDA	25	" " —Rear "	—			FIN. SIZES	1	4"DIAM X 8 5/16	—						
			L SD A	26	" " Bearings, Outside—Front	2 PAIR	9261 SET #9			—		2	—	—	5957	—		
			L SD A	27	" " " Inside "	—				—		2	—	—	5956	—		
			L SD A	28	" " " Outside—2nd	2-PAIR	9274 SET #7			—		2	—	—	5957	—		
			L SD A	29	" " " Inside "	—				—		2	—	—	5956	—		
				30	" " " Outside—3rd	—				—		—						
				31	" " " Inside "	—				—		—						
			L SD A	32	" " " Outside—Rear	2-PAIR	9261 SET #9			—		2	—	—	5957	—		
			L SD A	33	" " " Inside "	—				—		2	—	—	5956	—		
				34	" " " Plate—Front	—				—		—						
				35	" " " " —2nd	—				—		—						
				36	" " " " —3rd	—				—		—						
				37	" " " " —Rear	—				—		—						
			DA	38	" " Collar	4	9152 SET #18			—		4	—	L-M-212	—	—		
—	—		D'A	39	" " "	2	9136 SET #5			—		2	—	L-M-212	—	—		
—	—		D'A	40	" " "	2	9136 SET #4			—		2	—	L-M-213	—	—		
—	—		RID	41	" " "	23	9184 SET 6					3	—	L-M-213	—	—		
			D'A	42	" " "	1	9152 SET #19			—		1	—	3065	—	—		
				43	" " "	—				—		—						
—	—			44	" " "	—				—		—						
				45	" " "	—				—		—						
—	—		A	46	" " "	—				—		—						
			DA	47	" " Coupling	3	9033 SET #5			—		3	—	1993	—	—		
			DA	48	" " "	1	9025 SET #6			—		1	—	1993	—	—		
				49	" " "	—				—		—						
				50	" " "	—				—		—						
				51	" " "	—				—		—						
				52	" " "	—				—		—						
			D'A	53	" " Pinion	4	182	4" BORE		—		4	—	#11	—	—		
—	—		D'A	54	" " "	2	182	4¼" "		—		2	—	#11	—	—		
				55	" " "	—				—		—						
				56	" " "	—				—		—						
			S D'A	57	" " Washer	4	9118 SET #4 STD. STOCK			—		4	L-M-215	—	—	—		
			A S D	58	" " "	2	9118 " 32			—		2	L-M-215	—	—	—		
				59	" " "	—				—		—						
				60	" " "	—				—		—						
				61														

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron	Check	Item	
															OIL CU
AD	1	LINK	3	8101-LINE #2	STD. STOCK	—		3	—	5542	—	—	S AD	1	Rod Oil
	2	" —Top Half	—			—		—						2	" "
	3	" —Bottom Half	—			—		—					D	3	" "
JAD	4	" Saddle	—		STD. STOCK	3	81-F-17	—					S AD	4	" "
JAD	5	" Block	—		STD. STOCK (FIN. SIZES	3	1½" x 2¼" x 3"	—						5	Tumb. S
AD	6	" " Pin	3	8512 SET #9	STD. STOCK	—		—						6	"
AD	7	Link Hanger	3	8122 SET #9	STD. STOCK	—		—						7	"
AD	8	" " Pin	3	8513-SET #3	STD. STOCK	—		—					S AD	8	Truck B
	9													9	"
	10												S AD	10	"
NSI AD	11	NUMBER PLATE	1	12909 STYLE #2	#10	—		+	—	—	9740	—		11	Valve S
NSI AD	12	Builders Card	1	A-12910		—		1	—	—	6799	—		12	
	13	Name Plate	—			—		—						13	
	14	Patent Plate	—			—		—						14	PILOT
NSI AD	15	Property Plate	1	A-11031	STD. STOCK	—		1	9794	—	—	—		15	Pilot Ba
	16													16	" Bo
	17	OIL PAN	—			—		—						17	" Co
	18	" " Damper Rigging	—			—		—						18	" Br
	19													19	"
	20													20	"
	21	OIL BURNER	—			—		—						21	"
	22	" " Support	—			—		—						22	"
	23	Oil Cock Rigging	—			—		—						23	" Kr
	24	" " Rod	—			—		—						24	"
	25	" " Shaft	—			—		—					S A D	25	Push Po
	26	" " " Hanger	—			—		—						26	
	27	" " Arm	—			—		—						27	PIPE H
	28	" Operating Handle	—			—		—						28	
	29	" Heater	—			—		—						29	
	30	" " Support	—			—		—						30	
	31	" Burning Arrangement	—			—		—						31	PIPING
	32	" Piping Plan	—			—		—						32	

	24	" " Rod	—			—		—							24		
	25	" " Shaft	—			—		—							25		
	26	" " " Hanger	—			—		—							26		
	27	" " Arm	—			—		—							27		
	28	" Operating Handle	—			—		—							28		
	29	" Heater	—			—		—							29		
	30	" " Support	—			—		—							30		
	31	" Burning Arrangement	—			—		—							31		
	32	" Piping Plan	—			—		—							32		
	33														33		
	34														34		
	35	OIL CUPS	—			—		—							35		
AD'S	36	Bottom Bracket Oil Cup LOCK NUT	+		STD. STOCK	—		4	—	—	Z187	—		AD	36		
AD'S	37	" " " " Cap	4 SET	7166	STD. STOCK	—		4	—	—	4566	—			37		
AD'S	38	" " " " FOLLOWER	—		STD. STOCK	—		4	—	—	4186	—		SAD	38		
AD'S	39	" " " " Plug	—		STD. STOCK	—		4	—	—	4199	—			39		
SAD	40	" " " " Cover	1	7116 SET #2	STD. STOCK	—		1	5940	—	—	—			40		
SAD	41	" " " " "	3	7116 SET #1	STD. STOCK	—		3	5939	—	—	—			41		
SAD	42	" " " " Hinge Lugs	4	7103	STD. STOCK	—		4	5941	—	—	—			42		
	43	" " " " " "	—			—		—							43		
AD	44	Crosshead Oil Cup	3		#3 SPRINGTOP	—	STD. STOCK	—							44		
	45	" " " Cap	—			—		—							45		
	46	" " " Nut	—			—		—							46		
	47	Ecc. Strap Oil Cup	—			—		—						AD	47		
	48	" " " " Cap	—			—		—							48		
	49	" " " " Nut	—			—		—							49		
SAD	50	Gear Oil Cups	6	7127 SET #1	STD. STOCK	—		6	1116	—	—	—			50		
SAD	51	" " " Covers	—		STD. STOCK	—		6	1117	—	—	—			51		
AD'S	52	Guide Oil Cup	6	7107 SET #1	STD. STOCK	—		6	—	—	4915	—			52		
AD'S	53	" " " Cap	—		STD. STOCK	—		6	—	—	4916	—			53		
	54	" " " Nut	—			—		—							54		
	55	Link Oil Cup	—			—		—							55		
	56	" " " Cap	—			—		—							56		
	57	" " " Nut	—			—		—							57		
SAD	58	Packing Oil Cup	3	7109	STD. STOCK	—		3	—	—	4886	—			58		
SAD	59	" " " Cap	—		STD. STOCK	—		3	—	—	5090	—			59		
	60	" " " Nut	—			—		—							60		
	61														61		

PATTERN NUMBERS Brass	PATTERN NUMBERS Mal. Iron	Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
				OIL CUPS (Cont.)	—			—						
—	—	A S D	1	Rod Oil Cup	3	7/37		—		3	—	—	6820	—
			2	" " " Cap	—			—		—				
		D	3	" " " Nut	—		2 3/16" HEX WRT. IRON	—		—				
		S A D	4	" " " Plug	—			—		3	6822	—	—	—
			5	Tumb. Shaft Oil Cup	—			—		—				
			6	" " " " Cap	—			—		—				
		—	7	" " " " Nut	—			—		—				
		S A D	8	Truck Box Oil Cup Cover—R. Box	6	7125 SET #1	STD. STOCK	—		6	02885	—	—	—
			9	" " " " " —L. Box	—			—		—				
		S A D	10	" " " " " Hinge Plate	6	7125 SET #2	STD. STOCK	—		6	02880	—	—	—
9740	—		11	Valve Stem Oil Cup	—			—		—				
6799	—		12											
			13											
			14	PILOT	—			—		—				
—	—		15	Pilot Band	—			—		—				
			16	" Bottom Plate	—			—		—				
			17	" Corner Iron	—			—		—				
			18	" Brace	—			—		—				
			19	" "	—			—		—				
			20	" "	—			—		—				
			21	" "	—			—		—				
			22	" " Rod	—			—		—				
			23	" Knee	—			—		—				
			24	" "	—			—		—				
		S A S	25	Push Pole Pockets	4	10339		—		4	01893	—	—	—
			26											
			27	PIPE HANGERS	—			—		—				
			28											
			29											
			30											
			31	PIPING PLAN	—			—		—				
			32											

			23	" Knee	—			—		—						
			24	" "	—			—		—						
		SAD	25	Push Pole Pockets	4	10339		—		4	01893	—	—	—		
			26													
			27	PIPE HANGERS	—			—		—						
			28													
			29													
			30													
			31	PIPING PLAN	—			—		—						
			32													
			33	PIPE FITTINGS	—			—		—						
			34	Air Gauge Fitting	—			—		—						
		AD	35	" Pump Oil Fitting	1SET	7138	STD. STOCK	—		—						
Z187	—		36	" " " " Nut	—			—		—						
4566	—		37	" " " " Swivel	—			—		—						
4186	—	SAD	38	Blower Fitting	1	12880	STD. STOCK	—		1	9409	—	—	—		
4199	—		39	" " Nut	—			—		—						
—	—		40	Brake Release Check	—			—		—						
—	—		41	" " " Valve	—			—		—						
—	—		42	Brake Ex. Fitting	—			—		—						
			43	" " " Nut	—			—		—						
			44	Coal Sprinkler Fitting	—			—		—						
			45	" " " Nut	—			—		—						
			46	" " " Swivel	—			—		—						
		AD	47	Cylinder Oil Pipe Fitting	3SET	7138	STD. STOCK	—		—						
			48	" " " " Nut	—			—		—						
			49	" " " " "	—			—		—						
—	—		50	" " " " Swivel	—			—		—						
—	—		51	" " " Bracket	—			—		—						
4915	—		52	Angle Valve Nut	—			—		—						
4916	—		53	" " Swivel	—			—		—						
			54	Through Valve Nut	—			—		—						
			55	" " Swivel	—			—		—						
			56	Oil Cock Nut	—			—		—						
			57	" " Swivel	—			—		—						
4886	—		58													
5090	—		59													
			60													
			61													

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	PIPE UNIONS	—			—		—				
	2	Check Pipe Union	—			—		—				
	3	" " " Nut	—			—		—				
	4	" " " Swivel	—			—		—				
	5	Oil Pipe Union	—			—		—				
	6	" " " Nut	—			—		—				
	7	" " " Swivel	—			—		—				
	8	Steam Pipe Union	—			—		—				
	9	" " " Nut	—			—		—				
	10	" " " Swivel	—			—		—				
	11											
	12											
	13											
SD'	14	PISTON HEAD	3	7508 SET #10	STD. STOCK	—		3	01155	—	—	—
SD'	15	" Packing Rings MATL FOR	6	7512 LINE #6 TUB PATT	—	—	STD. STOCK	1	6277	—	—	—
TD'	16	" Rod	3	7506 - SET #8 FIN SIZES.		3	2 3/16 DIAM X 27"	—	STD. STOCK			
	17											
	18											
	19											
	20											
D	21	PISTON ROD PACKING	3 SET U.S. METALLIC			—		—				
	22	Packing Rings	—			—		—				
	23	" Spring Washer	—			—		—				
AJ	24	" Swab Cup	3	7735 SET #9		—		3	—	—	5298	—
	25	" Follower	—			—		—				
ASI	26	" Stuffing Box	3	7765		—		3	5284	—	—	—
ASI	27	" " " Gland	3			—		3	5285	—	—	—
	28	" Vibrating Cups	—			—		—				
	29	" Spring	—			—		—				
	30											
	31											
AB	32	PACKING STUDS Piston Rod	12	7707		—		—				

Check	Item		
SAD'	1	REVERSE L	
AD'	2	"	
AD'	3	"	
SAD'	4	"	
	5	"	
SAD'	6	"	
AD'	7	"	
SAD'	8	"	
SAD'	9	"	
HAD'	10	"	
	11	"	
AJ	12	"	
AJ	13	"	
	14		
	15		
	16		
	17		
	18		
	19		
	20		
AD'	21	SAND BOX-	
AD'S	22	" "	
AD'S	23	Sand Box Top	
AD'S	24	" " Lid	
AD'S	25	" " Val	
AD'S	26	" " Lev	
TAD'	27	" " "	
AD'S	28	" " Roc	
SAD'	29	" " Rig	
AD'	30	" " Roc	
TAD'S	31	Air Sander	
	32		

	23	" Spring Washer	—			—		—							AD'	22	"
AJ	24	" Swab Cup	3	7735 SET #9		—		3	—	—	5298	—			AD'S	23	Sand Box
	25	" Follower	—			—		—							AD'S	24	"
ASI	26	" Stuffing Box	3	7765		—		3	5284	—	—	—			AD'S	25	"
ASI	27	" " " Gland	3			—		3	5285	—	—	—			AD'S	26	"
	28	" Vibrating Cups	—			—		—							TAD	27	"
	29	" Spring	—			—		—							AD'S	28	"
	30														TAD	29	"
	31														AD'	30	"
AB	32	PACKING STUDS Piston Rod	12	7707		—		—							TAD'S	31	Air Sander
BD'	33	" " Valve Stem	9	7721		—		—								32	
	34															33	
	35	PLUGS														34	
	36	Arch Tube Plug														35	
D'	37	Back Head Plug	3	11417 STYLE 2 STD. STOCK		—		3	—	—	02674	—			HD	36	SAND BO
	38	Crown Plug	—			—		—								37	Back Sand
	39	Ecc. Strap Plug	—			—		—							D'S A	38	"
DS'	40	Firebox Plug	4	11417 STYLE #1 STD. STOCK		—		4	—	—	02675	—			D'S A	39	"
	41	" "	—			—		—							D'S A	40	"
S'D	42	Fusible Plug	1	11432 STYLE #2 STD. STOCK		—		1	—	—	7788	—				41	"
D'	43	Indicator Plug	6	4469	STICK BRASS	—	STD. STOCK	—								42	"
	44	Smoke Box Plug	—			—		—								43	"
S'D	45	Tube Sheet Plug	1	11417 STYLE #1 STD. STOCK		—		1	—	—	02675	—				44	"
	46	Test Plug	—			—		—								45	"
S'D	47	Waist Plug	2	11417 - STYLE #1 STD. STOCK		—		2	—	—	02675	—				46	"
S'D	48	Washout Plug Valve	1 SET	11403 STD. STOCK		—		1	—	—	5032	—				47	"
S'D	49	" " " Cap	—	STD. STOCK		—		1	5031	—	—	—				48	"
	50															49	"
	51															50	"
D	52	~~RUN BOARD BRACKETS~~	—			~~6 109 F-205~~		—								51	"
FD	53	RUNNING BOARD ENGINE	1 SET	A-10918	WOOD	—		—								52	"
F'D	54	" " TENDER	1 SET	A-10917	WOOD	—		—								53	"
HAD'	55	" " Bracket	1 SET	10936	STEEL PLATE	1 SET CD-10936		—								54	"
HAD'	56	" " "	1 SET	10937 LINE 1	" "	1 SET " 10937		—								55	"
	57	" " "	~~1 SET 10933 SET #4~~			~~5 109 F-19~~		—								56	"
	58	" " "	—			~~5 109 F-200~~		—								57	"
	59	" " "	—			~~1 109 F-190~~		—								58	"
	60	" " "	—			~~4 109 F-195~~		—								59	"
	61	" " "	—			~~4 109 F-201~~		—							TAD	60	"
																61	"

PATTERN NUMBERS		Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING		No. Pcs.	FORGINGS	No. Pcs.	CASTINGS—PATTERN NUMBERS			
Brass	Mal. Iron					Card No.	Construct'n Notes		Sketch No.		Cast Iron	Cast Steel	Brass	Mal. Iron
		SAD	1	REVERSE LEVER	1			1	83-F-85	—				
		AD	2	" " Arrangement	1	8351. LINE 17		—		—				
		AD	3	" " Handle	1	D,3550	PRESSED STEEL	—		—				
		SAD	4	" " Latch	—			1	83-F-49	—				
			5	" " " Guide	—			—		—				
		SAD	6	" " " Rod	—			1	83-F-80	—				
		AD	7	" " " Details	1 SET	8353		—		—				
		SAD	8	" " Quadrant	1	3171		1	83-F-50	—				
		SAD	9	" " "	—			1	83-F-42	—				
		HAD	10	" " " Plate	1	8310 SET #4	STEEL PLATE	—		—				
			11	" " Foot Rest	—			—		—				
		AS	12	" " Shaft	1	8360 LINE 8		1	83-F-143	—				
		AS	13	" " " Length	—		5 11/16 CTR TO CTR	—		—				
—	—		14											
—	—		15											
			16											
			17											
			18											
			19											
			20											
		AD	21	SAND BOX—Front	1	12253 LINE #5		—		—				
		AD	22	" " Base	—			—		1	4657	—	—	—
		AD	23	Sand Box Top	—			—		1	4812	—	—	—
		AD	24	" " Lid	—		STD. STOCK	—		1	4813	—	—	—
5298	—	AD	25	" " Valve	—		STD. STOCK	—		2	01776	—	—	—
		AD	26	" " Lever—Short	—		STD. STOCK	—		1	01767	—	—	—
—	—		27	" " " —Long	—		STD. STOCK	4	122-F-23	—				
—	—	AD	28	" " Rod Handle	1	12208	STD. STOCK	—		1	01858	—	—	—
		SAD	29	" " Rigging	—		FLAT BAR	2	1/4" X 1 1/4" X 19 1/2	—				
		AD	30	" " Rod	—	3/8" PIPE LENGTH TO SUIT ERECTING SHOP				—				
		SADS	31	Air Sander	4	5176		—		4	4425	—	—	—
			32							—				
			33											
			34											

		ADS'	23	Sand Box Top	—			STD. STOCK	—		1	4812	—	—	—
5298	—	ADS'	24	" " Lid	—			STD. STOCK	—		1	4813	—	—	—
		ADS'	25	" " Valve	—				—		2	01776	—	—	—
—	—	ADS'	26	" " Lever—Short	—			STD. STOCK	—		1	01767	—	—	—
—	—	TAD	27	" " " —Long	—			STD. STOCK	+	122-F-23	—				
		ADS'	28	" " Rod Handle	1	12208		STD. STOCK	—		1	01858	—	—	—
		TAD	29	" " Rigging	—			FLAT BAR	2	1/4" X 1 1/4" X 19 1/2	—				
		AD'	30	" " Rod	—	3/8" PIPE LENGTH TO SUIT ERECTING SHOP					—				
		TADS	31	Air Sander	4	5176			—		4	4425	—	—	—
			32								-				
			33												
			34												
			35												
		HD	36	SAND BOX—Back	2	12205 LINE 4		STEEL PLATE							
02674	—		37	Back Sand Box Arrangement	—				—		—				
		OA'S	38	" " " Base	2	12207			—		2	234	—	—	—
		DSA	39	" " " Top	2	12249		STD. STOCK	—		2	246	—	—	—
		DSA	40	" " " Covers	—			STD. STOCK	—		2	2-A-162	—	—	—
02675	—		41	" " " Valve	—				—		—				
7788	—		42	" " " Shaft Hanger	—				—		—				
			43	" " " " " Caps	—				—		—				
			44	" " " Hand Lever	—				—		—				
02675	—		45	" " " " " Fulcrum	—				—		—				
			46	" " " " " Rod	—				—		—				
02675	—		47	" " " Horiz. Lever	—				—		—				
5032	—		48	" " " " " Fulcrum	—				—		—				
—	—		49	" " " " " Guide	—				—		—				—
			50	" " " Rod Jaws	—				—		—				
			51	" " " " "	—				—		—				
			52	" " " Shaft	—				—		—				
			53	" " " " Lever	—				—		—				
			54	" " " " "	—				—		—				
			55	" " " Valve Lever	—				—		—				
			56	" " " " Rod	—				—		—				
			57	" " " " "	—				—		—				
			58	" " " " " Conn.	—				—		—				
			59	" " " Rod Bell Crank	—				—		—				
			60	" " " " " " Fulcrum	—				—		—				
		TAD	61	" " " Brace	—				2	122-F-87	—				

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		SIGNAL FIXTURES										
	1	Flag Socket	—			—		—				
	2	" "	—			—		—				
	3	Lamp Bracket	—			—		—				
HAD'	4	Headlight Bracket	2	5353 SET #8	STEEL PLATE	—		—				
SA D' S	5	" Columns	4	10012 LINE 1		—		4	Z-A-203	—	—	—
HA D'	6	" Shelf—Front	1	10000 SET #4	STEEL PLATE	—		—				
HA D'	7	" " —Rear	1	10013	STEEL PLATE	—		—				
	8											
ASD	9	SIPHON	1	11306		—		1	7736	—	—	—
ASD	10	" Tube	—			—		1	992	—	—	—
	11	" Pipe Flange	—			—		—				
	12	" Goose Neck	—			—		—				
	13	" Stand Pipe	—			—		—				
	14	" " " Flange	—			—		—				
	15	" " " "	—			—		—				
A D	16	" Hose Strainer	1	SET 15142 LINE 2		—		—				
AD S1	17	" " " Body	—			—		1	01859	—	—	—
AD S1	18	" " " Cap	—			—		1	01860	—	—	—
	19											
JAD'	20	SMOKE BOX Brace—Right	1 PAIR	13012 ~~13006~~ SET ~~#26~~ #35	STD. STOCK	2	130-F-~~24~~ 35	—				
AJD	21	" " " —Left	—			—	130-F-36	—				
AD'	22	" " " Pad	2	3187 LINE 3	STD. STOCK	—		2		2902	—	—
BD'	23	" " " Pin	2	13002 SET 2	BAR STOCK	—	STD. STOCK	—				
AD'	24	" " " Washer	2	13003 STYLE #2	STD. STOCK	—		—				
	25											
S' AD	26	SMOKE BOX FRONT	1 SET	A-12916		—		1	9232	—	—	—
S' AD	27	" " " Door	1 SET.	A-12934		—		1	2-B-83	—	—	—
S' D	28	" " " Liner	—			—		2	9233	—	—	—
S' D	29	" " Door Liner	—			—		1	2-B-84	—	—	—
S' AD	30	" " " Buttons	9	3090 LINE #2	STD. STOCK	—		9	3145	—	—	—
	31											
	32											

Check	Item	
S' AD	1	SMOKE S
	2	Smoke Sta
	3	"
	4	"
	5	"
	6	"
	7	"
	8	"
	9	"
	10	"
	11	"
	12	"
	13	"
AD S	14	"
	15	
	16	
	17	SNOW PL
	18	
	19	SPEED R
	20	
	21	
AD S	22	STEAM B
	23	"
AD	24	"
	25	
	26	
	27	
	28	STEAM PI
	29	"
	30	"
AD S	31	"

				13002-SET 2 BAR STOCK	—			—								
AD	24	" " " Washer	2	13003 STYLE #2 STD. STOCK	—			—							AD	24
	25															25
S AD	26	SMOKE BOX FRONT	1 SET	A-12916	—			1	9232	—	—	—	—			26
S AD	27	" " " Door	1 SET.	A-12934	—			1	2-B-83	—	—	—	—			27
S D	28	" " " Liner	—		—			2	9233	—	—	—	—			28
S D	29	" " Door Liner	—		—			1	2-B-84	—	—	—	—			29
S AD	30	" " " Buttons	9	3090 LINE #2 STD. STOCK	—			9	3145	—	—	—	—			30
	31														AD	31
	32															32
X AD	33	SMOKE BOX ARRANGEMENT	1	A-12928	—			—								33
	34	" " Deflecting Plate	—		—			—							AD	34
	35	Deflecting Plate Angle	—		—			—								35
H D	36	Draft Pipe	2	A-12928	—			—								36
TAD	37	" " Hanger	—		2	129-F-16		—							AD	37
TAD	38	" " "	—		2	129-F-15		—								38
TAD	39	" " "	—		2	129-F-14		—								39
	40	Netting Frame	—		—			—								40
	41	" Ring	—		—			—								41
S AD	42	Cinder Pocket BLANKING FLANGE	1	12921 LINE #2	—			1	6312	—	—	—	—			42
	43	" Pot Base	—		—			—							AD	43
	44	" " Lid	—		—			—							A DS	44
	45	" " Hand Wheel	—		—			—							A DS	45
	46	" " Yoke	—		—			—							A DS	46
AD	47	Cleaning Hole	1 SET	12908 STD. STOCK	—			—		—	—	—	—		TAD	47
S AD	48	" " Flange	—	STD. STOCK	—			1	A-76	—	—	—	—		LH AD	48
S AD	49	" " Cover	—	STD. STOCK	—			1	A77.	—	—	—	—		TAD	49
	50														LH AD	50
	51														LH AD	51
AD	52	SQUARE SHAFT—Front	1 PAIR	9005	—			2	—	2006	—	—			TAD	52
	53	" " ~~Back~~ #2	—												TAD	53
AD	54	" " REAR	1	9017 GROUP #4	—			1	—	7074	—	—				54
	55	" "	—		—			—								55
AD	56	" " Sleeve	3	5492	—			3	—	8652	—	—				56
	57	" " "	—		—			—								57
	58	" " "	—		—			—							AD S	57
	59	" " "	—		—			—							AD	58
	60														TSD	59
	61														SD	60
																61

PATTERN NUMBERS

Brass	Mal. Iron
—	—
—	—
—	—

				24	" " Brace	1	8709		1	87-F-25	—					
				25												
—	—	—		26												
—	—	—		27												
—	—	—		28	STEAM PIPES	—			—		—					
—	—	—		29	" " Top Flange	—			—		—					
—	—	—		30	" " Bottom Flange	—			—		—					
			A 1X DS	31	" " Elbow	1	B-12135 SET 3 ~~B-12112 SET #6~~		—		1	50095 ~~HOG~~	—	—	—	
				32	" " "	—			—		—					
				33	" " Tee Head	—			—		—					
			S A 1X D	34	" " Joint Ring	4	12108 SET #5 STD. STOCK		—		4	—	—	5111	—	
				35	" " " "	—			—		—					
				36	" " Casing	—			—		—					
			A 1X D	37	" " Flange	1	12147 SET #2		—		1	6070	—	—	—	
				38	" " Nipple	—			—		—					
				39												
				40												
				41	STEPS											
—	—	—		42	Bottom Bracket Step											
			A 1 DS	43	Cab Step RIGHTSIDE CTR TRUCK	2	A-11177 LINE #2		—		2	9924	—	—	—	
			A 1 DS	44	" " LEFT SIDE CTR. TRUCK	2	A-11177 LINE #1		—		2	9924	—	—	—	
			A 1 DS	45	" " RIGHT SIDE FRAME	1	A-11175		—		1	9922	—	—	—	
			A 1 DS	46	" " LEFT " " "	1	A-11176		—		1	9923	—	—	—	
—	—	—	T A D	47	" " ~~Brace~~ BRACKET	—	B-11106		1	101-F 95	—					
—	—	—	LH A 1 D	48	" " " "	1	~~B-11188~~ STYLE 1. STEEL PLATE		—		—					
—	—	—	T A D	49	~~Cylinder Step~~ " "	2	BAR IRON		2	1"x2"x3"	—					
			LH A 1 D	50	" " ~~Hood~~ Step " "	1	B-11106 ~~A-11188~~ STYLE 2 - STEEL PLATE		—		—					
			LH A 1 D	51	~~Dynamo~~ Step " " "	1	B-11106 A-11188 " #3 " "		—		—					
006	—	—	T A D	52	End Timber Step—Front	—			4	103 F-18	—					
			T A D	53	" " " —Back	—			4	103 F-14	—					
374	—	—		54	Headlight Step	—			—		—					
				55	Pilot Step	—			—		—					
52	—	—		56	" "	—			—		—					
			A 1 DS	57	Sand Box Step	1	D-4141		—		1	D-14020	—	—	—	
			A 1 DS	58	~~Step Hangers~~ BRACKET	—			1	122-F-75	—					
			T 1 DS	59	Tank Ladder	1 Pr	A-15102 LINE 9		1 R	151-F-82	—					
			S D	60	" "	—			1 L	151-F-82	—					
				61												

				D1 IL	31	"										

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	SUPERHEATER	—			—		—				
	2	Superheater Header	—			—		—				
	3	" Return Bends	—			—		—				
	4	" " "	—			—		—				
—	5	" " "	—			—		—				
	6	" Pipe Clamp	—			—		—				
	7	" " " Bolt	—			—		—				
	8	" Dummy Coupling	—			—		—				
	9	" Unit	—			—		—				
	10	" Return Bends	—			—		—				
	11	" " "	—			—		—				
	12	" " "	—			—		—				
	13	" Pipe Support	—			—		—				
	14	" " Band	—			—		—				
	15	" Damper	—			—		—				
	16	" " Cylinder	—			—		—				
	17	" " " Head	—			—		—				
	18	" " " Piston	—			—		—				
	19	" " Cyl. Piston Rod	—			—		—				
	20	" " " Support	—			—		—				
	21	" " Arm	—			—		—				
	22	" " Rod	—			—		—				
	23	" " Shaft	—			—		—				
	24	" " " Bearing	—			—		—				
	25	" " Hinge	—			—		—				
	26	" " Counterweight	—			—		—				
	27	" Deflector Handle	—			—		—				
	28	" Steam Pipe Rings	—			—		—				
	29	" " " "	—			—		—				
	30											
	31											

Check	Item	
TAD	1	TANK
T D'	2	"
T A D's	3	"
A D's	4	"
TAD	5	"
TAD	6	~~Oil Tan~~
J	7	TANK
J	8	"
J D L	9	TEND
T D L	10	"
T D L	11	"
T D	12	"
	13	"
	14	"
	15	"
D L	16	"
T D L	17	"
T D L	18	"
D L S	19	Frame
D L	20	"
D L	21	"
D L S	22	"
	23	"
	24	"
	25	"
J L D	26	Shackl
J D L	27	"
J D L	28	"
J D L	29	"
D L	30	"
J L D	31	"
J L		

	23	" " Shaft	—			—		—								22	" S
	24	" " " Bearing	—			—		—								23	" R
	25	" " Hinge	—			—		—								24	"
	26	" " Counterweight	—			—		—								25	"
	27	" Deflector Handle	—			—		—								26	Shackle B
	28	" Steam Pipe Rings	—			—		—								27	"
	29	" " " "	—			—		—								28	"
	30															29	"
	31															30	"
	32															31	"
	33															32	"
	34															33	Safety Link
TOX	35	TANK—Water	1	A-15196 LINE2		—		—								34	" "
TO	36	" Material Bill	—		M.O. 2632	—		—								35	
	37	Tank Coal Gate	—			—		—								36	THROTTL
T'AD'S	38	" Funnel	1 SET	4385 SET #2		—		1	4240	—	—	—				37	Throttle Va
T AD'S	39	" " Lid	1	4385 SET #1		—		1	01857	—	—	—				38	" C
	40	" " Hinge	—			—		—								39	" V
	41	" " Handle	—			—		—								40	" H
TSD	42	Tank Lug	4	5038		4	151-F-40	—								41	" B
	43	" "	—													42	"
	44	" "	—													43	" P
	45	" Fuel Rack	—			—		—								44	"
	46	" Shoveling Sheet	—			—		—								45	"
	47	" Headlight Bracket	—			—		—								46	"
	48							—								47	" S
T'AD'	49	TANK Valve	2 SET	A-15125	STD. STOCK	—		2	—	—	—	1308	—			48	"
	50	" " Body	—		STD. STOCK	—		—								49	"
AD'S	51	" " " Plate	—		STD. STOCK	—										50	
AD'S	52	" " Bottom Plate	—		STD. STOCK	—		2	B-105	—	—	—				51	THROTTLE
AD'S	53	" " Top "	—		STD. STOCK	—		2	B-106	—	—	—				52	Throttle Lever
AD'S	54	" " Cap	—		STD. STOCK	—		2	B-102	—	—	—				53	"
SAD'	55	" " Seat	—		STD. STOCK	—		2	B-100	—	—	—				54	"
T'AD'	56	" " Stem	2	A-15147 STYLE #1	STD. STOCK	2	151-F-2	2	—	—	—	1307	—			55	"
AD'S	57	" " " Nut	—		STD. STOCK	—		—								56	"
AD'S	58	" " " Handle	—		STD. STOCK	—		2	B-101	—	—	—				57	"
AD'S	59	" " " Clamp Nut	—		STD. STOCK	—		2	B-98	—	—	—				58	"
RSF	60	" FLANGE - OIL	2	3388	DRILL FOR 4 RIVS.	—		2	B-99	—	—	—				59	"
	61							2	0506	—	—	—				60	"
																61	

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
TAD	1	TANK—Oil	1	15189 LINE #2		—		—				
T D'	2	" Material Bill	—		418	—		—				
TAD's	3	" Funnel	1 SET	4311		—		1	7486	—	—	—
AD's	4	" ~~Lug~~ COVER	—			—		1	7487	—	—	—
TAD	5	" ~~Valve~~ " EYE BOLTS	—			2	151-F-27	—				
TAD	6	~~Oil Tank Valve Rigging~~ " " NUTS	—			2	151-F-28	—				
J	7	TANK LUG	—			2	470-S-138	—				
J	8	" "	—			1	151-F-6					
DL	9	TENDER FRAME	1	16101		—		—				
TDL	10	" " Angle	—			16	3½ x 3½ x ½ x 7½"	—				
TDL	11	" " "	—			4	6"x6"x½"x7½"	—				
TD	12	" " "	—			4	6"x3½"x½"x7½"	—				
	13	" " " ~~FOR~~	—			—		—				
	14	" " Bolster—Top	—			—		—				
	15	" " " —Bot.	—			—		—				
DL	16	" " Brace	1 SET	11079	STEEL PLATE	—		—				
TDL	17	" " " ANGLES	—			2	½"x3"x5"x10⅜"	—				
TDL	18	" " " ANGLES	—			2	½"x3"x3"x15¼"	—				
DLS	19	Frame Centre Plate	1	9622 LINE 3		—		1	7800	—	—	—
DL	20	" End Casting	1	259 LINE 2		—		1	—	M-143	—	—
DL	21	" " Timber Brace	2	11025 SET #10		—		2	—	6616	—	—
DLS	22	" Side Bearings	2	9618 SET #2		—		2	1423	—	—	—
	23	" Running Board Bracket	—			—		—				
	24	" " " "	—			—		—				
	25	" " " "	—			—		—				
JL DL	26	Shackle Bar	1 SET	10853 LINE 1		1	108-F-50	—				
JL D	27	" " Key	—			1	108-F-20	—				
JL D	28	" " Gibs	2		FORG SIZES	2	1"x3"x5¼"	—				
JL DL	29	" " Brace	1	10852 LINE #1		1	108-F-40	—				
JL DL	30	" " " Pad	—			—		1	—	9967	—	—
JL DL	31	" " " Pin	1	10851 LINE #4		1	108-F-55	—				
JL DL	32	" " Pin	1	10851-LINE 5		1	108-F-60	—				
JL	33	Safety Link										

			DLS 22	" Side Bearings	2	9618 SET #2		—			2	1425	—			
			23	" Running Board Bracket	—			—			—					
			24	" " " "	—			—			—					
			25	" " " "	—			—			—					
			JL D1 26	Shackle Bar	1 SET	10853 LINE 1		1	108-F-50		—					
			J D2 27	" " Key	—			1	108-F-20		—					
			JL D 28	" " Gibs	2		FORG SIZES	2	1"x3"x5¼"		—					
			JL D1 29	" " Brace	1	10852 LINE #1		1	108-F-40		—					
			DL1 30	" " " Pad	—			—			1	—	9967	—	—	
			JL D1 31	" " " Pin	1	10851 LINE #4		1	108-F-55		—					
			JL D1 32	" " Pin	1	10851-LINE 5		1	108-F-60		—					
			JL B 33	Safety Link	2	10849 LINE 4		2	108 F-35		—					
			JL D1 34	" " Pins	4	10849 LINE 6		4	108 F-61		—					
			35													
			AD 36	THROTTLE ARRANGEMENT	1	B-12130		—			—					
			ADS 37	Throttle Valve	1	B-12124 SET #4		—			1	2593	—	—	—	
			ADS 38	" Case	1	B-12132 LINE 1.		—			1	5469	—	—	—	
—	—	—	JAD1 39	" Valve Stem	1	A-12142 SET #6	STD. STOCK	—	121-F-27		—	—				
—	—	—	ADS 40	" Pipe Flange	1	5392 SET #5		—			1	5468	—	—	—	
			AD1 41	" Bell Crank	1	3046 STYLE #1	STD. STOCK	—			1	—	2939	—	—	
			JAD1 42	" " " Fulcrum	1	12161 SET #2		1	121-F-92		—					
			ADS 43	" Pipe Support	1 SET	12181- SET #1	STD. STOCK	—			—					
			JADS 44	" " Yoke	—			1	121-F-62		—					
			JAD 45	" " Bracket	—			2	121-F-56		—					
			TAD 46	" " "	—		FORG SIZE	1	¾"x2½"x17"		—					
			AD1 47	" Stuffing Box	1 SET	12144 SET #2	STD. STOCK	—			1	01587	—	—	—	
			D1 48	" " " Gland	—		STD. STOCK	—			1	01588	—	—	—	
—	1308	—		" " " Flange	—		STD. STOCK	—			—					
			50													
—	—	—	TAD1 51	THROTTLE LEVER	1	12135 LINE 1.	STD. STOCK	1	121-F-70		—					
—	—	—	AD1 52	Throttle Lever Handle	1	D-3550	PRESSED STEEL	—	STD. STOCK		—					
—	—	—	TAD 53	" " Latch	—	STD. STOCK	FORG SIZE	1	1¼ X2½" X5¼		—					
—	—	—	JHD 54	" " " Rod	—			1	121-F-31		—					
—	—	—	TAD 55	" " Links	—		STD. STOCK	2	121-F-~~75~~		—					
	1307	—	AD1 56	" " Quadrant	—		STD. STOCK	—			1	—	544	—	—	
—	—	—	TAL 57	" " Fulcrum	—		STD. STOCK	1	121-F-20		—					
—	—	—		" " Guide	—			—			—					
—	—	—	TAL 59	" " Rod	—		STD. STOCK	1	121-F-22		—					
—	—	—	TAL 60	" " Support	—		STD. STOCK	1	121-F-75		—					
			61													

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
TL ID	1	TRUCK PLAN	3	16000	9310 LINE 2	—		—				
LD	2	" Bolster	3 SET	~~5499~~		—		—				
	3	" " End Casting—R.	—			—		—				
	4	" " " " —L.	—			—		—				
LD	5	" " " Separator	6	9401 SET 4		—		6	—	5692	—	—
LSI D	6	" " Spring Centers	120	A-9548	STD. STOCK	—		120	2548	—	—	—
LF D	7	" " Lever Fulcrum	3	3717 LINE 1	STD. STOCK	—		3	—	3793	—	—
	8	" " Stop Lug	—			—		—				
	9	" " Brake Rod Roller	—			—		—				
	10	" " " " " Brkt	—			—		—				
	11	" " " Lever Guide	—			—		—				
	12	" " " " "	—			—		—				
L DS	13	" Center Plate	3	5066 LINE 2	STD. STOCK	—		3	4784	—	—	—
L DS	14	" Side Bearing Base	6	5509 SET #1.		—		6	3044	—	—	—
L D3	15	" " " Block	6	9626 LINE 10		—		6	3043	—	—	—
L X D	16	" Frame	2 PAIR ~~3 SET~~	A-9771 LINE 1		—		—				
LDX	17	" "	1 PAIR	A-9771 LINE 2		—		—				
	18	" " Splice	—			—		—				
	19	" " "	—			—		—				
J D	20	" Right Arch Bar	—			3	97-F-37	—				
J D	21	" Left Arch Bar	—			3	97-F-37	—				
J D	22	" Right Inverted Arch Bar	—			3	97-F-38	—				
J D	23	" Left Inverted Arch Bar	—			3	97-F-38	—				
J D	24	" Bottom Tie Bar	3	A-9790 SET 1		3	97-F-34	—				
J D	25	" " " "	3	A-9790 SET 2		3	97-F 31	—				
J DS	26	" " " ~~Fill. Block~~	—		FLAT BAR	6	1/4" x 4" x 71	—				
L DS	27	" Column—Right	3	9440 LINE #1	STD. STOCK	—		3	4819	—	—	—
L DS	28	" " —Left	3	9441 LINE #1	STD. STOCK	—		3	4820	—	—	—
L D	29	" Crosstie Bar—Top	4 ~~1 SET~~	A-9792 SET 1 ~~9710~~ LINE 1.		4	97-F-234	—				
LD	30	" " " "	2	9789-LINE 2 A-9792 SET 2		—		2	—	9080	—	—
L D	31	" " "—Bottom	1 SET	~~9701 LINE 1~~		6	97-F-162	—				
	32	" " Washer	—			—		—				
L D	33	" Diagonal Braces	4 PAIR ~~1/2 SET~~	3312 LINE 2		4R	97-F-181	—				
LDS	34	" " "	—			4L	97-F-181	—				

Check	Item	TITLE
L LD	1	TRUCK BRAKE Hea
L DS	2	" " Shoe
L D	3	" " Lev
L D	4	" " "
L D	5	" " "
	6	" " "
	7	" " "
	8	" " "
SLI D	9	" " Roc
L D	10	" " "
L D	11	" " "
L D	12	" " "
	13	
	14	
L D	15	TRUCK BOX—Right
	16	" " "
	17	" " "
	18	" " "
S L D	19	" " Cap—R
	20	" " "
	21	" " "
	22	" " "
L D	23	" Pedestal
L S D	24	" " Ca
L AD S	25	" Box—Inside
L AD S	26	" " Cap—I
L D S	27	" Inside Box S
A L D S	28	" " Thru
A L D S	29	" Journal Bra
S D	30	" PEDESTAL
	31	
L D	32	TRUCK AXLE
	33	
S L P	34	TRUCK WHEEL C
L D	35	" " Tire

		Left Arch Bar	—			3	97-F-38	—											
TD	22	" Right Inverted Arch Bar	—			3	97-F-38	—											
TLD	23	" Left Inverted Arch Bar	—			3	97-F-34	—											
TLD	24	" Bottom Tie Bar	3	A-9790 SET 1		3	97-F-31	—											
TLD	25	" " " "	3	A-9790 SET 2															
TLD	26	" " " ~~Fill Block~~	—		FLAT BAR	6	1/4" x 4" x 71	—											
LDS	27	" Column—Right	3	9440 LINE #1	STD. STOCK				3	4819	—	—	—						
LDS	28	" " —Left	3	9441 LINE #1	STD. STOCK				3	4820	—	—	—						
LD	29	" Crosstie Bar—Top	4 SET	A-9792 SET 1 ~~9701 - LINE 1~~		4	97-F-234	—											
LD	30	" " " "	2	9789-LINE 2 A-9792 SET 2 ~~9701 LINE 1~~					2	—	9080	—	—						
LD	31	" " "—Bottom	1 SET			6	97-F-162	—											
	32	" " Washer	—			—		—											
LD	33	" Diagonal Braces	4 PAIR 1 SET	3312 LINE 2		4R	97-F-181	—											
LDS	34	" " "	—			4L	97-F-181	—											
LDS	35	" " "	2 PAIR	9718 LINE 2		2	97-F-221	—											
LDS	36	" " "	—			2	97-F-420	—											
	37	" Equalizer	—			—		—											
SD	38	" Tie Bar Bolster Washers	6	5721		—		—	6	4822	—	—	—						
LD	39	" Gear Rim	6	182		—		—	6	—	#11	—	—						
BLD	40	" " " Bolt	48	8860 SET #6		—		—	—										
LD	41	" " " Key	12	8824 SET #9		—		—	—										
LD	42	" " Cover	6	10116 SET #7	STEEL PLATE	—		—	—										
TLD	43	" " " Bracket	6	10105 SET #3		6	101 F-17	—	—										
TLD	44	" " " "	—		FLAT BAR	6	5/8" x 3" x 21 1/4	—	—										
	45	" " " "	—			—		—	—										
	46	" " " "	—			—		—	—										
LDS	47	" " " Guide	—			6	101-F-130	—	—										
	48	" " " Step	—			—		—	—										
LD	49	" Sand Hose Guides	4	10109 SET #1	STD. STOCK	—		—	—										
TLD	50	" " " "	4	10109 SET #2	STD. STOCK	6	101-F-1	—	—										
TLD	51	" King Bolt	3	10153 SET #1	FORG SIZE	3	1" DIAM x 24"	—	—										
TLD	52	" " " Key	3	10153 SET #4	" "	3	1/4" x 1 3/4" x 3 1/2	—	—										
	53	" Safety Chain—To Frame	—			—		—	—										
	54	" " " " "	—			—		—	—										
LS	55	TRUCK BRAKE BEAM SAFETY CHAINS	—			4	98-F-197	—	—										
LD	56	TRUCK BRAKE Beam	6	9851 LINE 3		—		—	—										
LD	57	" " " Fulcrum	6	9801 SET #8		—		—	6	—	4649	—	—						
TD	58	" " " Saf'y Ch'ns	—		STD. STOCK	8	98-F-63	—											
P	59	" " HANGER ~~Safety Loop~~	—		STD. STOCK	8	98-F-47	—											
LDS	60	" " Hanger	—		STD. STOCK	16 ~~24~~	98-F-~~147~~ 328	—	16 ~~24~~	—	9799	—	—						
TLD	61	" " " Lug	8 1/2 PAIR	9886 LINE 2	STD. STOCK	—		—											

LD	23	" Pedestal																	
SLD	24	" " Tie																	
ADS	25	" Box—Inside																	
ADS	26	" " Cover																	
ADS	27	" Inside Box Spring																	
ADS	28	" " Thrust																	
ADS	29	" Journal Brass																	
SLD	30	" PEDESTAL																	
	31																		
LD	32	TRUCK AXLE																	
	33																		
SLD	34	TRUCK WHEEL																	
LD	35	" " Tire																	
	36	" " Hub																	
	37																		
JAD	38	TUMBLING SHAFT																	
	39	"																	
ADS	40	"																	
ADS	41	"																	
ADS	42	"																	
ADS	43	"																	
ADS	44	"																	
ADS	45	"																	
	46																		
ADS	47	TURRET																	
ADS	48	" Ball Joint																	
ADS	49	" Stuffing Box																	
	50	" "																	
	51	" "																	
ADS	52	" Master Valve																	
	53	" "																	
ADS	54	" "																	
ADS	55	" "																	
ADS	56	" Bonnet																	
	57	Turret (Auxiliary)																	
	58	Safety Valve Top																	
	59	"																	
	60	"																	
	61																		

TTERN NUMBERS		Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING		No. Pcs.	FORGINGS	No. Pcs.	CASTINGS—PATTERN NUMBERS			
Brass	Mal. Iron					Card No.	Construct'n Notes		Sketch No.		Cast Iron	Cast Steel	Brass	Mal. Iron
		L1 D	1	TRUCK BRAKE Heads	12	9812	STD. STOCK	—		12	—	—	—	5311.
		L D S	2	" " Shoes	12	3060 LINE #1	STD. STOCK	—		12	2970	—	—	—
		3 L D F	3	" " Lever	3 SET	9809 SET #6		3	98-F-107	—				
		L D	4	" " "	—			3	98-F-108	—				
—	—	L D	5	" " "	—			3	98-F-71	—				
—	—		6	" " "	—			—		—				
—	—		7	" " "	—			—		—				
			8	" " "	—			—		—				
		3 L D	9	" " Rod	3-SET	9808 SET #9		3	98-F-170	—				
		3 L D	10	" " "	—			3	98-F-81	—				
		3 L D	11	" " "	—			3	98-F-165	—				
		L D	12	" " "	—			3	98-F-175	—				
—	—		13											
—	—		14											
—	—	L D	15	TRUCK BOX—Right	6	9206 SET #1	STD. STOCK	—		6	—	L-69	—	—
			16	" " "	—	9207		—		—	—	L—	—	—
			17	" " "	—			—		—				
			18	" " "	—			—		—				
		S L D	19	" " Cap—Right	6	9220 LINE 1		—		6	5958	—	—	—
			20	" " " "	—			—		—				
			21	" " " "	—			—		—				
			22	" " " "	—			—		—				
		L D	23	" Pedestal	6	9300 SET #4	STD. STOCK	—		6	—	8550	—	—
		L S D	24	" " Cap	5	9320 SET #2	STD. STOCK	—		5	7819	—	—	—
		L A D S	25	" Box—Inside	6	9326 SET #1	STD. STOCK	—		6	7839	—	—	—
		L A D S	26	" " Cap—Inside	6	9326 SET #2	STD. STOCK	—		6	7840	—	—	—
—	—	L D S	27	" Inside Box Spring Center	6	9345	STD. STOCK	—		6	2224	—	—	—
—	—	A L D S	28	" " Thrust Plate	6	9305 SET #4	STD. STOCK	—		6	—	—	2222	—
		A L D S	29	" Journal Brass	12	9208 SET #1	STD. STOCK	—		12	—	—	2390	—
—	—	S D L	30	" PEDESTAL ~~Wedge~~ CAP	1	9330 SET #9	FOR CENTER TRUCK FRONT BOX			1	7819	—	—	—
			31											
		L D	32	TRUCK AXLE	6	~~10281~~ 10293	~~#106~~ #116	—		—				
			33											

	L_{D}^{1}	23	" Pedestal	6	9300 SET #4	STD. STOCK	—		6	—	8550	—	—
	L_{SD}^{1}	24	" " Cap	5	9320 SET #2	STD. STOCK	—		5	7819	—	—	—
	L_{AD}^{1}	25	" Box—Inside	6	9326 SET #1	STD. STOCK	—		6	7839	—	—	—
	L_{AD}^{1}	26	" " Cap—Inside	6	9326 SET #2	STD. STOCK	—		6	7840	—	—	—
—	L_{D}^{1}	27	" Inside Box Spring Center	6	9345	STD. STOCK	—		6	2224	—	—	—
—	A_{D}^{1}	28	" " Thrust Plate	6	9305 SET #4	STD. STOCK	—		6	—	—	2222	—
	A_{D}^{1}	29	" Journal Brass	12	9208 SET #1	STD. STOCK	—		12	—	—	2390	—
—	S_{D}^{1}	30	" PEDESTAL ~~Wedge~~ CAP	1	9330 SET #9	FOR CENTER TRUCK FRONT BOX			1	7819	—	—	—
		31											
	L_{D}^{1}	32	TRUCK AXLE	6	~~10281~~ 10293	#~~106~~ 116	—		—				
		33											
	S_{D}^{1}	34	TRUCK WHEEL CENTER	12	9933 LINE 1		—		12	7585	—	—	—
	L_{D}^{1}	35	" " Tire	12	3410	SECTION #18	—		—				
		36	" " Hub Plate	—			—		—				
		37											
—	J_{AD}^{1}	38	TUMBLING SHAFT	1	8202 SET #5	ANGLE B = 5° ~~30° 4~~	1	82-F-~~27~~ 26	—				
—		39	" " Arm	—			—		—				
	A_{D}^{1}	40	" " Collar	2-PAIR	8223 LINE #2	STD. STOCK	—		4	—	9582	—	—
	A_{DS}^{1}	41	" " Box	3 PAIR	5308 SET #1	STD. STOCK	—		3	3823	—	—	—
	A_{DS}^{1}	42	" " " Cap	—		STD. STOCK	—		3	3822	—	—	—
	A_{D}^{1}	43	" " Coupling Ball	1 SET	8316 SET #2	STD. STOCK	—		2	02166	—	—	—
	A_{D}^{1}	44	" " " Socket	—		STD. STOCK	—		2	02167	—	—	—
	A_{DS}^{1}	45	" " " Cap	—		STD. STOCK	—		2	02167	—	—	—
		46											
	A_{D}^{1}	47	TURRET	1	11400 LINE 2	STD. STOCK	—		1	—	—	5269	—
	A_{D}^{1}	48	" Ball Joint	—		STD. STOCK	—		1	—	—	5280	—
	A_{D}^{1}	49	" Stuffing Box	—		STD. STOCK	—		1	—	—	5347	—
		50	" " " Nut	—			—		—				
		51	" " " Follower	—			—		—				
	A_{D}^{1}	52	" Master Valve	—		STD. STOCK	—		1	—	—	5350	—
		53	" " " Nut	—			—		—				
	A_{D}^{1}	54	" " " Stem	—		STD. STOCK	—		1	—	—	5348	—
	A_{D}^{1}	55	" " " Hand Wheel	—		STD. STOCK	—		1	01830	—	—	—
	A_{D}^{1}	56	" Bonnet Ring	—		STD. STOCK	—		1	—	—	5349	—
—		57	Turret (Auxiliary)	—			—		—				
		58	Safety Valve Turret	—			—		—				
		59	" " " Bushing	—			—		—				
		60	" " " Ring	—			—		—				
—		61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		VALVES (Globe)										
X D'	1	Brake Stop Valve	1		1" ANGLE MALE END.	—	STD. STOCK	—				
	2	" " "	—			—		—				
	3											
	4											
	5	Bell Ringer Valve	—			—		—				
	6											
	7	Blow-off Valve	—			—		—				
	8											
—	9	Cinder Swipe Valve	—			—		—				
	10											
	11	Drip Valve Brake Exhaust Drain	—			—		—				
	12	" " Check Pipe "	—			—		—				
X D'	13	" " Exhaust " "	1		1/2" GLOBE STD. STOCK	—		—				
X D'	14	" " Steam Chest "	1		3/8" ANGLE STD. STOCK	—		—				
X D'	15	" " Water Gauge "	1		1/4" GLOBE STD. STOCK	—		—				
X D'	16	" " CHECK PIPE DRAIN	2		1/2" GLOBE STD. STOCK	—		—				
	17	Heater Valve	—			—		—				
	18											
D' X	19	Lubricator Valve	1		1" ANGLE MALE END. 3/4" C.P. UNION STD. STOCK	—		—				
	20											
	21	Siphon Valve	—			—		—				
	22											
	23	Angle Valve	—			—		—				
	24	" " Cap	—			—		—				
	25	" " Stem	—			—		—				
	26	" " Gland	—			—		—				
	27	" " Nut	—			—		—				
	28											
D' X	29	Blower Valve	1		3/4" ANGLE MALE OUTLET STD. STOCK	—		—				
	30	" " Cap	—			—		—				
	31	" " Stem	—			—		—				
	32	" " Gland	—			—		—				
	33	" " Nut	—			—		—				
	34											
	35	Dynamo Valve										

Check	Item	
		VALVES
	1	Brake Rel
	2	" "
	3	" "
D' S	4	Steam Che
D' S	5	" "
D' S	6	" "
X D'	7	Injector C
	8	
	9	
	10	VALVES (
	11	Piston Val
	12	" "
	13	" "
	14	" "
D' S	15	Slide Valve
D' S	16	" "
	17	" "
	18	" "
D' S	19	" "
	20	" "
	21	
	22	
	23	VALVE ST
D' S	24	"
D' S	25	"
D' S	26	"
	27	"
	28	
D' S	29	VALVE YO
	30	" "
D'	31	" "
	32	
	33	
	34	VALVE STE

	24	" " Cap	—			—	—					SD'	24
	25	" " Stem	—			—	—					SD'	25
	26	" " Gland	—			—	—					SD'	26
	27	" " Nut	—			—	—						27
	28												28
1 D X	29	Blower Valve	1	3/4" ANGLE MALE OUTLET			— STD. STOCK					D'	29
	30	" " Cap	—			—	—						30
	31	" " Stem	—			—	—					D'	31
	32	" " Gland	—			—	—						32
	33	" " Nut	—			—	—						33
	34											D'	34
	35	Dynamo Valve	—			—	—						35
	36	" " Cap	—			—	—						36
	37	" " Stem	—			—	—						37
	38	" " Gland	—			—	—						38
	39	" " Nut	—			—	—						39
	40											SD'	40
1 D X	41	Inj. Starting Valve	2	1 1/2" GLOBE MALE END 1 1/2" C.P. UNION STD. STOCK								SD'	41
	42	" " " Cap	—			—	—						42
	43	" " " Stem	—			—	—						43
	44	" " " Gland	—			—	—						44
	45	" " " Nut	—			—	—						45
	46											D'	46
	47	Sprinkler Valve	—			—	—					D'	47
	48	" " Cap	—			—	—					D'	48
	49	" " Stem	—			—	—					P'	49
	50	" " Gland	—			—	—					P'	50
	51	" " Nut	—			—	—					D'	51
	52											D'	52
	53	Through Valve	—			—	—					D'	53
	54	" " Cap	—			—	—						54
	55	" " Stem	—			—	—						55
	56	" " Gland	—			—	—					SD'	56
	57	" " Nut	—			—	—						57
	58												58
	59	Tire Sprinkler Valve	—			—	—						59
	60												60
	61												61

PATTERN NUMBERS	
Steel	Brass / Mal. Iron

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		VALVES (Relief & Special)			STD. STOCK							
	1	Brake Relief Valve										
	2	" " " Top										
	3	" " " Base						3	—	—	2641	—
D'	4	Steam Chest Relief Valve	3	7432 LINE 1	STD. STOCK			3	—	—	2643	—
D'	5	" " " " Base	—		STD. STOCK			3	—	—	2642	—
D'	6	" " " " Cap	—		STD. STOCK							
D'	7	Injector Check Valve	2	1½" SWING	STD. STOCK							
	8											
	9				STD. STOCK							
	10	VALVES (DISTRIBUTION)										
	11	Piston Valve										
	12	" " Follower										
	13	" " T-Ring										
	14	" " Snap Ring		7	STD. STOCK			3	5463	—	—	—
S D'	15	Slide Valve	3 SET	8405 SET 2	STD. STOCK			3	5464	—	—	—
S D'	16	" " Plate	—		STD. STOCK							
	17	" " Packing Strip	—									
	18	" " " "	—									
S D'	19	" " Ring MAT'L FOR	3	7423 LINE #9 TUB PATT	—		STD. STOCK	1	6297	—	—	—
	20	" " Spring										
	21											
	22											
	23	VALVE STEM	—									
S D'	24	" " Crosshead	3	8018 SET 2	STD. STOCK	3		3	L-28	—	—	—
S D'	25	" " " Guide	3 SET	8020	STD. STOCK			3	L-27	—	—	—
S D'	26	" " " " Plate	—		STD. STOCK			6	7082	—	—	—
	27	" " " Gibs	—									
	28											
S D'	29	VALVE YOKE	3	7600 SET 8	—	3	76-F-38					
	30	" " Block	—									
D'	31	" " Key	3	8006 SET 1	STD. STOCK							
	32											
	33											
D	34	VALVE STEM PACKING	—		GARLOCK							
	35	Packing Rings	—									

PATTERN NUMBERS	
Steel	Brass / Mal. Iron

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		VALVES (Relief & Special)			STD. STOCK							
	1	Brake Relief Valve										
	2	" " " Top										
	3	" " " Base						3	—	—	2641	—
D'	4	Steam Chest Relief Valve	3	7432 LINE 1	STD. STOCK			3	—	—	2643	—
D'	5	" " " " Base	—		STD. STOCK			3	—	—	2642	—
D'	6	" " " " Cap	—		STD. STOCK							
D'	7	Injector Check Valve	2	1½" SWING	STD. STOCK							
	8											
	9				STD. STOCK							
	10	VALVES (DISTRIBUTION)										
	11	Piston Valve										
	12	" " Follower										
	13	" " T-Ring										
	14	" " Snap Ring		7	STD. STOCK			3	5463	—	—	—
S D'	15	Slide Valve	3 SET	8405 SET 2	STD. STOCK			3	5464	—	—	—
S D'	16	" " Plate	—		STD. STOCK							
	17	" " Packing Strip	—									
	18	" " " "	—									
S D'	19	" " Ring MAT'L FOR	3	7423 LINE #9 TUB PATT	—		STD. STOCK	1	6297	—	—	—
	20	" " Spring										
	21											
	22											
	23	VALVE STEM	—									
S D'	24	" " Crosshead	3	8018 SET 2	STD. STOCK	3		3	L-28	—	—	—
S D'	25	" " " Guide	3 SET	8020	STD. STOCK			3	L-27	—	—	—
S D'	26	" " " " Plate	—		STD. STOCK			6	7082	—	—	—
	27	" " " Gibs	—									
	28											
S D'	29	VALVE YOKE	3	7600 SET 8	—	3	76-F-38					
	30	" " Block	—									
D'	31	" " Key	3	8006 SET 1	STD. STOCK							
	32											
	33											
D	34	VALVE STEM PACKING	—		GARLOCK							
	35	Packing Rings	—									

PATTERN NUMBERS	
Steel	Brass / Mal. Iron

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		VALVES (Relief & Special)			STD. STOCK							
	1	Brake Relief Valve										
	2	" " " Top										
	3	" " " Base						3	—	—	2641	—
D'	4	Steam Chest Relief Valve	3	7432 LINE 1	STD. STOCK			3	—	—	2643	—
D'	5	" " " " Base	—		STD. STOCK			3	—	—	2642	—
D'	6	" " " " Cap	—		STD. STOCK							
D'	7	Injector Check Valve	2	1½" SWING	STD. STOCK							
	8											
	9				STD. STOCK							
	10	VALVES (DISTRIBUTION)										
	11	Piston Valve										
	12	" " Follower										
	13	" " T-Ring										
	14	" " Snap Ring		7	STD. STOCK			3	5463	—	—	—
S D'	15	Slide Valve	3 SET	8405 SET 2	STD. STOCK			3	5464	—	—	—
S D'	16	" " Plate	—		STD. STOCK							
	17	" " Packing Strip	—									
	18	" " " "	—									
S D'	19	" " Ring MAT'L FOR	3	7423 LINE #9 TUB PATT	—		STD. STOCK	1	6297	—	—	—
	20	" " Spring										
	21											
	22											
	23	VALVE STEM	—									
S D'	24	" " Crosshead	3	8018 SET 2	STD. STOCK	3		3	L-28	—	—	—
S D'	25	" " " Guide	3 SET	8020	STD. STOCK			3	L-27	—	—	—
S D'	26	" " " " Plate	—		STD. STOCK			6	7082	—	—	—
	27	" " " Gibs	—									
	28											
S D'	29	VALVE YOKE	3	7600 SET 8	—	3	76-F-38					
	30	" " Block	—									
D'	31	" " Key	3	8006 SET 1	STD. STOCK							
	32											
	33											
D	34	VALVE STEM PACKING	—		GARLOCK							
	35	Packing Rings	—									

PATTERN NUMBERS	
Steel	Brass / Mal. Iron

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		VALVES (Relief & Special)			STD. STOCK							
	1	Brake Relief Valve										
	2	" " " Top										
	3	" " " Base						3	—	—	2641	—
D'	4	Steam Chest Relief Valve	3	7432 LINE 1	STD. STOCK			3	—	—	2643	—
D'	5	" " " " Base	—		STD. STOCK			3	—	—	2642	—
D'	6	" " " " Cap	—		STD. STOCK							
D'	7	Injector Check Valve	2	1½" SWING	STD. STOCK							
	8											
	9				STD. STOCK							
	10	VALVES (DISTRIBUTION)										
	11	Piston Valve										
	12	" " Follower										
	13	" " T-Ring										
	14	" " Snap Ring		7	STD. STOCK			3	5463	—	—	—
S D'	15	Slide Valve	3 SET	8405 SET 2	STD. STOCK			3	5464	—	—	—
S D'	16	" " Plate	—		STD. STOCK							
	17	" " Packing Strip	—									
	18	" " " "	—									
S D'	19	" " Ring MAT'L FOR	3	7423 LINE #9 TUB PATT	—		STD. STOCK	1	6297	—	—	—
	20	" " Spring										
	21											
	22											
	23	VALVE STEM	—									
S D'	24	" " Crosshead	3	8018 SET 2	STD. STOCK	3		3	L-28	—	—	—
S D'	25	" " " Guide	3 SET	8020	STD. STOCK			3	L-27	—	—	—
S D'	26	" " " " Plate	—		STD. STOCK			6	7082	—	—	—
	27	" " " Gibs	—									
	28											
S D'	29	VALVE YOKE	3	7600 SET 8	—	3	76-F-38					
	30	" " Block	—									
D'	31	" " Key	3	8006 SET 1	STD. STOCK							
	32											
	33											
D	34	VALVE STEM PACKING	—		GARLOCK							
	35	Packing Rings	—									

PATTERN NUMBERS	
Steel	Brass / Mal. Iron

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		VALVES (Relief & Special)			STD. STOCK							
	1	Brake Relief Valve										
	2	" " " Top										
	3	" " " Base						3	—	—	2641	—
D'	4	Steam Chest Relief Valve	3	7432 LINE 1	STD. STOCK			3	—	—	2643	—
D'	5	" " " " Base	—		STD. STOCK			3	—	—	2642	—
D'	6	" " " " Cap	—		STD. STOCK							
D'	7	Injector Check Valve	2	1½" SWING	STD. STOCK							
	8											
	9				STD. STOCK							
	10	VALVES (DISTRIBUTION)										
	11	Piston Valve										
	12	" " Follower										
	13	" " T-Ring										
	14	" " Snap Ring		7	STD. STOCK			3	5463	—	—	—
S D'	15	Slide Valve	3 SET	8405 SET 2	STD. STOCK			3	5464	—	—	—
S D'	16	" " Plate	—		STD. STOCK							
	17	" " Packing Strip	—									
	18	" " " "	—									
S D'	19	" " Ring MAT'L FOR	3	7423 LINE #9 TUB PATT	—		STD. STOCK	1	6297	—	—	—
	20	" " Spring										
	21											
	22											
	23	VALVE STEM	—									
S D'	24	" " Crosshead	3	8018 SET 2	STD. STOCK	3		3	L-28	—	—	—
S D'	25	" " " Guide	3 SET	8020	STD. STOCK			3	L-27	—	—	—
S D'	26	" " " " Plate	—		STD. STOCK			6	7082	—	—	—
	27	" " " Gibs	—									
	28											
S D'	29	VALVE YOKE	3	7600 SET 8	—	3	76-F-38					
	30	" " Block	—									
D'	31	" " Key	3	8006 SET 1	STD. STOCK							
	32											
	33											
D	34	VALVE STEM PACKING	—		GARLOCK							
	35	Packing Rings	—									